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List of key words used in the annual subject indexes
(valid from January 2000)

This list is common to *Monthly Notices of the Royal Astronomical Society*, *Astronomy and Astrophysics*, and *The Astrophysical Journal*. In order to ease the search, the key words are subdivided into broad categories. No more than *six* subcategories altogether should be listed for a paper.

The subcategories in boldface containing the word 'individual' are intended for use with specific astronomical objects; these should never be used alone, but always in combination with the most common names for the astronomical objects in question. Note that each object counts as one subcategory within the allowed limit of six.

The parts of the key words in italics are for reference only and should be omitted when the key words are entered on the manuscript.

General

book reviews
editorials, notices
errata, addenda
extraterrestrial intelligence
history and philosophy of astronomy
miscellaneous
obituaries, biographies

Physical data and processes

acceleration of particles
accretion, accretion discs
atomic data
atomic processes
black hole physics
chaos
conduction
convection
cosmic strings
dense matter
diffusion
elementary particles
equation of state
gravitation
hydrodynamics
instabilities
line: formation
line: identification
line: profiles
magnetic fields
(magnetohydrodynamics) MHD
masers
molecular data
molecular processes
nuclear reactions, nucleosynthesis, abundances
plasmas
polarization
radiation mechanisms: non-thermal
radiation mechanisms: thermal
radiative transfer
relativity
scattering
shock waves
turbulence
waves

Astronomical instrumentation, methods and techniques

atmospheric effects
balloons
instrumentation: detectors
instrumentation: interferometers
instrumentation: miscellaneous
instrumentation: photometers
instrumentation: polarimeters
instrumentation: spectrographs
methods: analytical
methods: data analysis
methods: laboratory
methods: miscellaneous
methods: numerical
methods: observational
methods: statistical
site testing
space vehicles
techniques: image processing
techniques: interferometric
techniques: miscellaneous
techniques: photometric
techniques: polarimetric
techniques: radar astronomy
techniques: radial velocities
techniques: spectroscopic
telescopes

Astronomical data bases

astronomical data bases: miscellaneous
atlases
catalogues
surveys

Astrometry and celestial mechanics

astrometry
celestial mechanics, stellar dynamics

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eclipses
ephemerides
occultations
reference systems
time

The Sun

Sun: abundances
Sun: activity
Sun: atmosphere
Sun: chromosphere
Sun: corona
Sun: evolution
Sun: faculae, plages
Sun: filaments
Sun: flares
Sun: fundamental parameters
Sun: general
Sun: granulation
Sun: infrared
Sun: interior
Sun: magnetic fields
Sun: oscillations
Sun: particle emission
Sun: photosphere
Sun: prominences
Sun: radio radiation
Sun: rotation
(Sun:) solar–terrestrial relations
(Sun:) solar wind
(Sun:) sunspots
Sun: transition region
Sun: UV radiation
Sun: X-rays, gamma-rays

Solar system

comets: general
comets: individual:...
Earth
interplanetary medium
meteors, meteoroids
minor planets, asteroids
Moon
planets and satellites: general
planets and satellites: individual:...
Solar system: formation
Solar system: general

Stars

stars: abundances
stars: activity
stars: AGB and post-AGB
stars: atmospheres
(stars:) binaries *(including multiple)*: close
(stars:) binaries: eclipsing
(stars:) binaries: general
(stars:) binaries: spectroscopic
(stars:) binaries: symbiotic
(stars:) binaries: visual
(stars:) blue stragglers
stars: carbon
stars: chemically peculiar
stars: chromospheres
(stars:) circumstellar matter
stars: coronae
stars: distances
stars: early-type
stars: emission-line, Be
stars: evolution
stars: flare
stars: formation
stars: fundamental parameters *(classification, colours, luminosities, masses, radii, temperatures, etc.)*
stars: general
(stars:) Hertzsprung–Russell (HR) diagram
stars: horizontal branch
stars: imaging
stars: individual:...
stars: interiors
stars: kinematics
stars: late-type
stars: low-mass, brown dwarfs
stars: luminosity function, mass function
stars: magnetic fields
stars: mass-loss
stars: neutron
(stars:) novae, cataclysmic variables
stars: oscillations *(including pulsations)*
stars: peculiar *(except chemically peculiar)*
(stars:) planetary systems
stars: Population II
stars: pre-main-sequence
(stars:) pulsars: general
(stars:) **pulsars: individual:...**
stars: rotation
stars: statistics
(stars:) subdwarfs
(stars:) supergiants
(stars:) supernovae: general
(stars:) **supernovae: individual:...**
(stars: variables:) Cepheids
(stars: variables:) δ Scuti
stars: variables: other
(stars:) white dwarfs
stars: Wolf–Rayet

Interstellar medium (ISM), nebulae

ISM: abundances
ISM: atoms
ISM: bubbles
ISM: clouds
(ISM:) cosmic rays
(ISM:) dust, extinction
ISM: general
ISM: globules
(ISM:) H II regions
ISM: individual:...
(except planetary nebulae)
ISM: jets and outflows
ISM: kinematics and dynamics

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ISM: magnetic fields
ISM: molecules
(ISM:) planetary nebulae: general
(ISM:) **planetary nebulae: individual:...**
(ISM:) reflection nebulae
ISM: structure
(ISM:) supernova remnants

The Galaxy

Galaxy: abundances
Galaxy: centre
Galaxy: evolution
Galaxy: formation
Galaxy: fundamental parameters
Galaxy: general
(Galaxy:) globular clusters: general
(Galaxy:) **globular clusters: individual:...**
Galaxy: halo
Galaxy: kinematics and dynamics
(Galaxy:) open clusters and associations: general
(Galaxy:) **open clusters and associations: individual:...**
(Galaxy:) solar neighbourhood
Galaxy: stellar content
Galaxy: structure

Galaxies

galaxies: abundances
galaxies: active
(galaxies:) BL Lacertae objects: general
(galaxies:) **BL Lacertae objects: individual:...**
galaxies: clusters: general
galaxies: clusters: individual:...
galaxies: compact
(galaxies:) cooling flows
galaxies: distances and redshifts
galaxies: elliptical and lenticular, cD
galaxies: evolution
galaxies: formation
galaxies: fundamental parameters
(classification, colours, luminosities, masses, radii, etc.)
galaxies: general
galaxies: haloes
galaxies: individual:...
galaxies: interactions
(galaxies:) intergalactic medium
galaxies: ISM
galaxies: irregular
galaxies: jets
galaxies: kinematics and dynamics
(galaxies:) Local Group
galaxies: luminosity function, mass function
(galaxies:) Magellanic Clouds
galaxies: magnetic fields
galaxies: nuclei
galaxies: peculiar
galaxies: photometry
(galaxies:) quasars: absorption lines
(galaxies:) quasars: emission lines
(galaxies:) quasars: general
(galaxies:) **quasars: individual:...**
galaxies: Seyfert
galaxies: spiral
galaxies: starburst
galaxies: star clusters
galaxies: statistics
galaxies: stellar content
galaxies: structure

Cosmology

(cosmology:) cosmic microwave background
cosmology: miscellaneous
cosmology: observations
cosmology: theory
(cosmology:) dark matter
(cosmology:) diffuse radiation
(cosmology:) distance scale
(cosmology:) early Universe
(cosmology:) gravitational lensing
(cosmology:) large-scale structure of Universe

Sources as a function of wavelength

gamma-rays: bursts
gamma-rays: observations
gamma-rays: theory
infrared: galaxies
infrared: general
infrared: ISM: continuum
infrared: ISM: lines and bands
infrared: Solar system
infrared: stars
radio continuum: galaxies
radio continuum: general
radio continuum: ISM
radio continuum: Solar system
radio continuum: stars
radio lines: galaxies
radio lines: general
radio lines: ISM
radio lines: Solar system
radio lines: stars
ultraviolet: galaxies
ultraviolet: general
ultraviolet: ISM
ultraviolet: Solar system
ultraviolet: stars
X-rays: bursts
X-rays: galaxies
X-rays: general
X-rays: ISM
X-rays: stars

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Subject index

General

Editorials, notices
Editorial, **312,** 1

Errata, addenda
Erratum: Mass function of dormant black holes and the evolution of active galactic nuclei (Salucci P., Szuszkiewicz E., Monaco P., Danese L.), **311,** 448
Erratum: Momentum transfer between ions and neutrals in molecular gas (Flower D.R.), **315,** 431
Erratum: X-ray analysis of the cluster 3C 129 (Leahy D.A., Yin D.), **315,** 432
Erratum: *RXTE* observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **315,** 655

Physical data and processes

Acceleration of particles
Propeller spin-down and the non-thermal emission from AE Aquarii (Meintjes P.J., de Jager O.C.), **311,** 611
On possible 'cosmic ray cocoons' of relativistic jets (Ostrowski M.), **312,** 579
On the particle acceleration near the light surface of radio pulsars (Beskin V.S., Rafikov R.R.), **313,** 433
Non-linear amplification of a magnetic field driven by cosmic ray streaming (Lucek S.G., Bell A.R.), **314,** 65
Acceleration time-scale in an ultrarelativistic shock (Bednarz J.), **315,** L37
Cosmic ray generation by quasar remnants: constraints and implications (Boldt E., Loewenstein M.), **316,** L29
Energetic particle acceleration in a three-dimensional magnetic field reconnection model: the role of magnetohydrodynamic turbulence (Kobak T., Ostrowski M.), **317,** 973
Acceleration and collimation of magnetized winds (Okamoto I.), **318,** 250
High-energy emission from millisecond pulsars: polar cap models (Luo Q., Shibata S., Melrose D.B.), **318,** 943

Accretion, accretion discs
Detection of the optical counterpart of the proposed double degenerate polar RX J1914 + 24 (Ramsay G., Cropper M., Wu K., Mason K.O., Hakala P.), **311,** 75
A spectroscopic study of V603 Aquilae: stellar parameters and continuum–line variations (Arenas J., Catalán M.S., Augusteijn T., Retter A.), **311,** 135
The timing properties of Sco X-1 along its Z track with *EXOSAT* (Dieters S.W., van der Klis M.), **311,** 201
X-ray/optical bursts from GS 1826–24 (Kong A.K.H., Homer L., Kuulkers E., Charles P.A., Smale A.P.), **311,** 405
Hard X-ray emission from elliptical galaxies (Allen S.W., Di Matteo T., Fabian A.C.), **311,** 493
Low-radiative-efficiency accretion in the nuclei of elliptical galaxies (Di Matteo T., Quataert E., Allen S.W., Narayan R., Fabian A.C.), **311,** 507
Propeller spin-down and the non-thermal emission from AE Aquarii (Meintjes P.J., de Jager O.C.), **311,** 611
The distribution of X-ray dips with orbital phase in Cygnus X-1 (Bałucińska-Church M., Church M.J., Charles P.A., Nagase F., LaSala J., Barnard R.), **311,** 861
HST ultraviolet observations of rapid variability in the accretion-disc wind of BZ Cam (Prinja R.K., Ringwald F.A., Wade R.A., Knigge C.), **312,** 316
Reconnection X-winds: spin-down of low-mass protostars (Ferreira J., Pelletier G., Appl S.), **312,** 387
Effects of Kerr space–time on spectral features from X-ray illuminated accretion discs (Martocchia A., Karas V., Matt G.), **312,** 817
Black hole transients and the Eddington limit (King A.R.), **312,** L39
The 'off' state of GX 339–4 (Kong A.K.H., Kuulkers E., Charles P.A., Homer L.), **312,** L49
Discovery of a red- and blueshifted iron disc line in the Galactic jet source GRO J1655–40 (Bałucińska-Church M., Church M.J.), **312,** L55
On the interpretation of the multicolour disc model for black hole candidates (Merloni A., Fabian A.C., Ross R.R.), **313,** 193
Towards steady-state solutions for supersonic wind accretion on to gravitating objects (Pogorelov N.V., Ohsugi Y., Matsuda T.), **313,** 198
A mystery solved: the mass ratio of the dwarf nova EM Cygni (North R.C., Marsh T.R., Moran C.K.J., Kolb U., Smith R.C., Stehle R.), **313,** 383
Spiral structure in IP Pegasi: how persistent is it? (Morales-Rueda L., Marsh T.R., Billington I.), **313,** 454
Multi-epoch Doppler tomography and polarimetry of QQ Vul (Schwope A.D., Catalán M.S., Beuermann K., Metzner A., Smith R.C., Steeghs D.), **313,** 533
Short-term pulse frequency fluctuations of OAO 1657–415 from *RXTE* observations (Baykal A.), **313,** 637
Outbursts of EX Hydrae: mass-transfer events or disc instabilities? (Hellier C., Kemp J., Naylor T., Bateson F.M., Jones A., Overbeek D., Stubbings R., Mukai K.), **313,** 703
On the migration of a system of protoplanets (Kley W.), **313,** L47
Predicting the properties of binary stellar systems: the evolution of accreting protobinary systems (Bate M.R.), **314,** 33
Unipolar outflows and global meridional circulations in rotating accretion flows (Igumenshchev I.V.), **314,** 54
Thermal synchrotron radiation and its Comptonization in compact X-ray sources (Wardziński G., Zdziarski A.A.), **314,** 183
The role of advection in the accreting corona model for active galactic nuclei and Galactic black holes (Janiuk A., Życki P.T., Czerny B.), **314,** 364
Determining the mass of the accreting white dwarf in magnetic cataclysmic variables using *RXTE* data (Ramsay G.), **314,** 403
A massive thick disc around a massive black hole and its runaway instability (Lu Y., Cheng K.S., Yang L.T., Zhang L.), **314,** 453
Disc instability models for X-ray transients: evidence for evaporation and low α-viscosity? (Menou K., Hameury J.-M., Lasota J.-P., Narayan R.), **314,** 498
Stokes imaging of the AM Her system ST LMi (Potter S.B.), **314,** 672
Spatially resolved spectra of the accretion disc of the nova-like variable UU Aquarii (Baptista R., Silveira C., Steiner J.E., Horne K.), **314,** 713
Eclipse maps of spiral shocks in the accretion disc of IP Pegasi in outburst (Baptista R., Harlaftis E.T., Steeghs D.), **314,** 727
Irradiation of the secondary star in X-ray Nova Scorpii 1994 (= GRO J1655–40) (Shahbaz T., Groot P., Phillips S.N., Casares J., Charles P.A., van Paradijs J.), **314,** 747
On the absence of winds in advection-dominated accretion flows (Abramowicz M.A., Lasota J.-P., Igumenshchev I.V.), **314,** 775
Infrared spectroscopy of cataclysmic variables – III. Dwarf novae below the period gap and nova-like variables (Dhillon V.S., Littlefair S.P., Howell S.B., Ciardi D.R., Harrop-Allin M.K., Marsh T.R.), **314,** 826
The precession of eccentric discs in close binaries (Murray J.R.), **314,** L1
X-ray iron line variability for the model of an orbiting flare above a black hole accretion disc (Ruszkowski M.), **315,** 1

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A gravitational microlensing determination of continuum source size in Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L., Mortlock D.J.), **315,** 62
The structure of black hole magnetospheres – I. Schwarzschild black holes (Ghosh P.), **315,** 89
CR Boo: the 'helium ER UMa star' with a 46.3-d supercycle (Kato T., Nogami D., Baba H., Hanson G., Poyner G.), **315,** 140
On the influence of resonant absorption on the iron emission-line profiles from accreting black holes (Ruszkowski M., Fabian A.C.), **315,** 223
The multi-temperature X-ray spectrum of the intermediate polar V1223 Sagittarii (Beardmore A.P., Osborne J.P., Hellier C.), **315,** 307
Stokes imaging of the accretion region in magnetic cataclysmic variables – II. V347 Pav (Potter S.B., Cropper M., Hakala P.J.), **315,** 423
Hydrodynamic simulations of the Bardeen–Petterson effect (Nelson R.P., Papaloizou J.C.B.), **315,** 570
Eccentric discs in binaries with intermediate mass ratios: superhumps in the VY Sculptoris stars (Murray J.R., Warner B., Wickramasinghe D.T.), **315,** 707
The X-ray spectrum of a disc illuminated by ions (Spruit H.C., Haardt F.), **315,** 751
Magnetic field dragging and the vertical structure of thin accretion discs (Shalybkov D., Rüdiger G.), **315,** 762
On the orbital evolution and growth of protoplanets embedded in a gaseous disc (Papaloizou J.C.B., Larwood J.D.), **315,** 823
The population of faint transients in the Galactic Centre (King A.R.), **315,** L33
Simultaneous optical polarimetry and X-ray data of the near-synchronous polar RX J2115–5840 (Ramsay G., Potter S., Cropper M., Buckley D.A.H., Harrop-Allin M.K.), **316,** 225
Two-phase radiative/conductive equilibrium in active galactic nuclei and galactic black holes (Różańska A., Czerny B.), **316,** 473
Eclipse studies of the dwarf nova EX Draconis (Baptista R., Catalán M.S., Costa L.), **316,** 529
The eccentricities of the barium stars (Karakas A.I., Tout C.A., Lattanzio J.C.), **316,** 689
Two- and three-dimensional numerical simulations of accretion discs in a close binary system (Makita M., Miyawaki K., Matsuda T.), **316,** 906
Influence of the r-mode instability on hypercritically accreting neutron stars (Yoshida S., Eriguchi Y.), **316,** 917
Frequency-resolved spectroscopy of Cyg X-1: fast variability of the reflected emission in the soft state (Gilfanov M., Churazov E., Revnivtsev M.), **316,** 923
Cosmic ray generation by quasar remnants: constraints and implications (Boldt E., Loewenstein M.), **316,** L29
Global structure of self-excited magnetic fields arising from the magnetic shear instability (Drecker A., Rüdiger G., Hollerbach R.), **317,** 45
Accretion disc–stellar magnetosphere interaction: field line inflation and the effect on the spin-down torque (Agapitou V., Papaloizou J.C.B.), **317,** 273
Observations of the extreme-ultraviolet transient RE J1255 + 266: a short outburst of a WZ Sge system? (Wheatley P.J., Burleigh M.R., Watson M.G.), **317,** 343
The violent past of Cygnus X-2 (Kolb U., Davies M.B., King A., Ritter H.), **317,** 438
An accretion disc model with a magnetic wind and turbulent viscosity (Campbell C.G.), **317,** 501
A TiO study of the black hole binary GRO J0422 + 32 in a very low state (Webb N.A., Naylor T., Ioannou Z., Charles P.A., Shahbaz T.), **317,** 528
An alpha theory of time-dependent warped accretion discs (Ogilvie G.I.), **317,** 607
The radial–azimuthal instability of a hot two-temperature accretion disc with advection (Ding S.-X., Yang L.-T., Wu X.-B., Lu Y.), **317,** 737
Superhumps in V348 Pup (Rolfe D.J., Haswell C.A., Patterson J.), **317,** 759
Observational implications of precessing protostellar discs and jets (Bate M.R., Bonnell I.A., Clarke C.J., Lubow S.H., Ogilvie G.I., Pringle J.E., Tout C.A.), **317,** 773
Reprocessed emission from warped accretion discs with application to X-ray iron line profiles (Hartnoll S.A., Blackman E.G.), **317,** 880
The evidence against Comptonization as a mechanism to explain the Fe Kα line profile in MCG–6-30-15 (Ruszkowski M., Fabian A.C., Ross R.R., Iwasawa K.), **317,** L11
The migration and growth of protoplanets in protostellar discs (Nelson R.P., Papaloizou J.C.B., Masset F., Kley W.), **318,** 18
The response of a turbulent accretion disc to an imposed epicyclic shearing motion (Torkelsson U., Ogilvie G.I., Brandenburg A., Pringle J.E., Nordlund Å., Stein R.F.), **318,** 47
On the effect of coronal outflow on spectra formation in galactic black hole systems (Janiuk A., Czerny B., Życki P.T.), **318,** 180
Thermally driven outflows from pair-plasma pressure-mediated shock surfaces around Schwarzschild black holes (Das T.K.), **318,** 294
Are there three peaks in the power spectra of GX 339–4 and Cyg X-1? (Nowak M.A.), **318,** 361
Investigating the structure of the accretion disc in WZ Sge from multiwaveband time-resolved spectroscopic observations – I (Skidmore W., Mason E., Howell S.B., Ciardi D.R., Littlefair S., Dhillon V.S.), **318,** 429
Investigating the structure of the accretion disc in WZ Sge from multiwaveband time-resolved spectroscopic observations – II (Mason E., Skidmore W., Howell S.B., Ciardi D.R., Littlefair S., Dhillon V.S.), **318,** 440
A cloud model of active galactic nuclei: the iron Kα line diagnostics (Karas V., Czerny B., Abrassart A., Abramowicz M.A.), **318,** 547
Coronal activity from dynamos in astrophysical rotators (Blackman E.G., Field G.B.), **318,** 724
The harmonic and sideband structure of the kilohertz quasi-periodic oscillations in Sco X-1 (Méndez M., van der Klis M.), **318,** 938
Linear and non-linear theory of a parametric instability of hydrodynamic warps in Keplerian discs (Gammie C.F., Goodman J., Ogilvie G.I.), **318,** 1005
Magnetic flares and the optical variability of the X-ray transient XTE J1118 + 480 (Merloni A., Di Matteo T., Fabian A.C.), **318,** L15
Differences between the two anomalous X-ray pulsars: variations in the spin-down rate of 1E 1048.1–5937 and an extended interval of quiet spin-down in 1E 2259 + 586 (Baykal A., Strohmayer T., Swank J., Alpar M.A., Stark M.J.), **319,** 205
Progress on a model for β Lyrae (Linnell A.P.), **319,** 255
The outbursts of dwarf novae (Truss M.R., Murray J.R., Wynn G.A., Edgar R.G.), **319,** 467
Thermal stability and nova cycles in permanent superhump systems (Retter A., Naylor T.), **319,** 510
Deformations of accreting neutron star crusts and gravitational wave emission (Ushomirsky G., Cutler C., Bildsten L.), **319,** 902
An unconventional accretion disc dynamo (Reyes-Ruiz M.), **319,** 1039
Possible evidence for the disc origin for the powering of jets in Sgr A* and nearby elliptical galaxies (Yuan F.), **319,** 1178

Atomic data

Broadening of lines of Be II, Sr II and Ba II by collisions with hydrogen atoms and the solar abundance of strontium (Barklem P.S., O'Mara B.J.), **311,** 535
New *f*-values in neutral lead obtained by time-resolved laser spectroscopy, and astrophysical applications (Biémont E., Garnir H.P., Palmeri P., Li Z.S., Svanberg S.), **312,** 116
Theoretical values for the [O III] 5007/4959 line-intensity ratio and homologous cases (Storey P.J., Zeippen C.J.), **312,** 813
Photoionization and recombination of Fe XIX (Zhang H.L., Pradhan A.K.), **313,** 13
Si X emission lines in spectra obtained with the *Solar EUV Rocket Telescope and Spectrograph* (*SERTS*) (Keenan F.P., O'Shea E., Thomas R.J., Brosius J.W., Katsiyannis A., Ryans R.S.I., Reid R.H.G., Pradhan A.K., Zhang H.L.), **315,** 450
Seismology of the solar envelope: sound-speed gradient in the convection zone and its diagnosis of the equation of state (Baturin V.A., Däppen W., Gough D.O., Vorontsov S.V.), **316,** 71

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Energy levels, lifetimes and branch fractions for Fe XI (Fritzsche S., Dong C.Z., Träbert E.), **318,** 263
LiH formation by radiative association in $Li^+ + H^-$ collisions (Dickinson A.S., Gadéa F.X.), **318,** 1227
Accurate laboratory wavelengths of some ultraviolet lines of Cr, Zn and Ni relevant to time variations of the fine structure constant (Pickering J.C., Thorne A.P., Murray J.E., Litzén U., Johansson S., Zilio V., Webb J.K.), **319,** 163

Atomic processes
Photoionization and recombination of Fe XIX (Zhang H.L., Pradhan A.K.), **313,** 13
K-shell photoionization cross-sections of N V and O VI (Charro E., Bell K.L., Martin I., Hibbert A.), **313,** 247
Chemically driven desorption of CO from icy grains in dark clouds (Takahashi J., Williams D.A.), **314,** 273
A laser beacon for monitoring the mesospheric sodium layer at La Palma (Michaille L., Cañas A.D., Dainty J.C., Maxwell J., Gregory T., Quartel J.C., Reavell F.C., Wilson R.W., Wooder N.J.), **318,** 139
Energy levels, lifetimes and branch fractions for Fe XI (Fritzsche S., Dong C.Z., Träbert E.), **318,** 263
LiH formation by radiative association in $Li^+ + H^-$ collisions (Dickinson A.S., Gadéa F.X.), **318,** 1227

Black hole physics
Erratum: Mass function of dormant black holes and the evolution of active galactic nuclei (Salucci P., Szuszkiewicz E., Monaco P., Danese L.), **311,** 448
A unified model for the evolution of galaxies and quasars (Kauffmann G., Haehnelt M.), **311,** 576
Time of explosive decay of a daemon-containing nucleus (Drobyshevski E.M.), **311,** L1
RXTE observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **312,** 151
Carter separable electromagnetic fields (Lynden-Bell D.), **312,** 301
Effects of Kerr space–time on spectral features from X-ray illuminated accretion discs (Martocchia A., Karas V., Matt G.), **312,** 817
Black hole transients and the Eddington limit (King A.R.), **312,** L39
The 'off' state of GX 339–4 (Kong A.K.H., Kuulkers E., Charles P.A., Homer L.), **312,** L49
Discovery of a red- and blueshifted iron disc line in the Galactic jet source GRO J1655–40 (Bałucińska-Church M., Church M.J.), **312,** L55
On the interpretation of the multicolour disc model for black hole candidates (Merloni A., Fabian A.C., Ross R.R.), **313,** 193
Towards steady-state solutions for supersonic wind accretion on to gravitating objects (Pogorelov N.V., Ohsugi Y., Matsuda T.), **313,** 198
The black hole mass–galaxy age relation (Merrifield M.R., Forbes D.A., Terlevich A.I.), **313,** L29
Unipolar outflows and global meridional circulations in rotating accretion flows (Igumenshchev I.V.), **314,** 54
The role of advection in the accreting corona model for active galactic nuclei and Galactic black holes (Janiuk A., Życki P.T., Czerny B.), **314,** 364
A massive thick disc around a massive black hole and its runaway instability (Lu Y., Cheng K.S., Yang L.T., Zhang L.), **314,** 453
Disc instability models for X-ray transients: evidence for evaporation and low α-viscosity? (Menou K., Hameury J.-M., Lasota J.-P., Narayan R.), **314,** 498
On the absence of winds in advection-dominated accretion flows (Abramowicz M.A., Lasota J.-P., Igumenshchev I.V.), **314,** 775
X-ray iron line variability for the model of an orbiting flare above a black hole accretion disc (Ruszkowski M.), **315,** 1
The structure of black hole magnetospheres – I. Schwarzschild black holes (Ghosh P.), **315,** 89
On the influence of resonant absorption on the iron emission-line profiles from accreting black holes (Ruszkowski M., Fabian A.C.), **315,** 223
Hydrodynamic simulations of the Bardeen–Petterson effect (Nelson R.P., Papaloizou J.C.B.), **315,** 570
Erratum: *RXTE* observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **315,** 655
The X-ray spectrum of a disc illuminated by ions (Spruit H.C., Haardt F.), **315,** 751
Optical studies of the X-ray transient XTE J2123–058 – I. Photometry (Zurita C., Casares J., Shahbaz T., Charles P.A., Hynes R.I., Shugarov S., Goransky V., Pavlenko E.P., Kuznetsova Y.), **316,** 137
Two-phase radiative/conductive equilibrium in active galactic nuclei and galactic black holes (Różańska A., Czerny B.), **316,** 473
Quasars: a supermassive rotating toroidal black hole interpretation (Spivey R.J.), **316,** 856
Frequency-resolved spectroscopy of Cyg X-1: fast variability of the reflected emission in the soft state (Gilfanov M., Churazov E., Revnivtsev M.), **316,** 923
Cosmic ray generation by quasar remnants: constraints and implications (Boldt E., Loewenstein M.), **316,** L29
The masses of black holes in the nuclei of spirals (Salucci P., Ratnam C., Monaco P., Danese L.), **317,** 488
A TiO study of the black hole binary GRO J0422 + 32 in a very low state (Webb N.A., Naylor T., Ioannou Z., Charles P.A., Shahbaz T.), **317,** 528
Scattering of Dirac waves off Kerr black holes (Chakrabarti S.K., Mukhopadhyay B.), **317,** 979
The evidence against Comptonization as a mechanism to explain the Fe Kα line profile in MCG–6-30-15 (Ruszkowski M., Fabian A.C., Ross R.R., Iwasawa K.), **317,** L11
On the effect of coronal outflow on spectra formation in galactic black hole systems (Janiuk A., Czerny B., Życki P.T.), **318,** 180
Thermally driven outflows from pair-plasma pressure-mediated shock surfaces around Schwarzschild black holes (Das T.K.), **318,** 294
Are there three peaks in the power spectra of GX 339–4 and Cyg X-1? (Nowak M.A.), **318,** 361
The correlation between black hole mass and bulge velocity dispersion in hierarchical galaxy formation models (Haehnelt M.G., Kauffmann G.), **318,** L35
Possible evidence for the disc origin for the powering of jets in Sgr A^* and nearby elliptical galaxies (Yuan F.), **319,** 1178

Chaos
Chaotic mixing in noisy Hamiltonian systems (Kandrup H.E., Pogorelov I.V., Sideris I.V.), **311,** 719
Perturbative solution of the motion of an asteroid in resonance with Jupiter (Vrbik J.), **316,** 459
The time-scale of escape from star clusters (Fukushige T., Heggie D.C.), **318,** 753
Phase-space transport in cuspy triaxial potentials: can they be used to construct self-consistent equilibria? (Siopis C., Kandrup H.E.), **319,** 43

Convection
Probing solar convection (Brüggen M.), **312,** 887
Source of excitation of low-ℓ solar p modes: characteristics and solar-cycle variations (Chaplin W.J., Appourchaux T., Elsworth Y., Isaak G.R., Miller B.A., New R.), **314,** 75
Development of structure in pores and sunspots: flows around axisymmetric magnetic flux tubes (Hurlburt N.E., Rucklidge A.M.), **314,** 793
Turbulent eddy viscosity and large-scale convection in the Sun (Stothers R.B.), **314,** L7
Dynamo action driven by convection: the influence of magnetic boundary conditions (Thelen J.-C., Cattaneo F.), **315,** L13
Seismic study of stellar convective regions: the base of the convective envelope in low-mass stars (Monteiro M.J.P.F.G., Christensen-Dalsgaard J., Thompson M.J.), **316,** 165
Lithium depletion in G and K dwarfs (Umezu M., Saio H.), **316,** 307
The mass dependence of the overshooting parameter determined from eclipsing binary data (Ribas I., Jordi C., Giménez Á.), **318,** L55

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Turbulent convection and pulsational stability of variable stars: non-adiabatic oscillations of the solar p-modes (Xiong D.R., Cheng Q.L., Deng L.), **319,** 1079

Cosmic strings
Evolution of the cluster abundance in non-Gaussian models (Robinson J., Baker J.E.), **311,** 781
The cluster abundance in cosmic string models for structure formation (Avelino P.P., Wu J.H.P., Shellard E.P.S.), **318,** 329

Dense matter
Deformations of accreting neutron star crusts and gravitational wave emission (Ushomirsky G., Cutler C., Bildsten L.), **319,** 902

Diffusion
Behaviour of radiative accelerations in stars (Alecian G., LeBlanc F.), **319,** 677

Elementary particles
Time of explosive decay of a daemon-containing nucleus (Drobyshevski E.M.), **311,** L1
Effect of Coulomb collisions on time variations of the solar neutrino flux (Malyshkin L., Kulsrud R.), **316,** 249

Equation of state
Seismology of the solar envelope: sound-speed gradient in the convection zone and its diagnosis of the equation of state (Baturin V.A., Däppen W., Gough D.O., Vorontsov S.V.), **316,** 71

Gravitation
Gravitational instability in a system of particles with mass spectrum (Volkov E., Ortega V.G.), **313,** 112
On the least action principle in cosmology (Nusser A., Branchini E.), **313,** 587
The fundamental plane of elliptical galaxies with modified Newtonian dynamics (Sanders R.H.), **313,** 767
Multiple mode gravitational wave detection with a spherical antenna (Lobo J.A.), **316,** 173
Analytical solutions for the Newtonian gravitational field induced by matter within axisymmetric boundaries (Conway J.T.), **316,** 540
Exact solutions for the gravitational potential of a family of heterogeneous spheroids (Conway J.T.), **316,** 555
Radiating gravitational collapse with shear viscosity (Chan R.), **316,** 588
A method for detecting gravitational waves coincident with gamma-ray bursts (Murphy M.T., Webb J.K., Heng I.S.), **316,** 657
Gravitational radiation from strongly magnetized white dwarfs (Heyl J.S.), **317,** 310
Gravitational wave signals from the collapse of the first stars (Schneider R., Ferrara A., Ciardi B., Ferrari V., Matarrese S.), **317,** 385
Analytic solutions for coupled linear perturbations (Nusser A.), **317,** 902
Scattering of Dirac waves off Kerr black holes (Chakrabarti S.K., Mukhopadhyay B.), **317,** 979
Microwave background anisotropies arising from non-linear structures in open and Λ universes (Dabrowski Y., Hall M.J., Sawicki I.L., Lasenby A.N.), **318,** 393
The time-scale of escape from star clusters (Fukushige T., Heggie D.C.), **318,** 753
A new outcome of binary–binary scattering (Heggie D.C.), **318,** L61
Clustering of galaxy clusters in cold dark matter universes (Colberg J.M., White S.D.M., Yoshida N., MacFarland T.J., Jenkins A., Frenk C.S., Pearce F.R., Evrard A.E., Couchman H.M.P., Efstathiou G., Peacock J.A., Thomas P.A. (The Virgo Consortium)), **319,** 209
Self-similar collapse of collisional gas in an expanding universe (Chuzhoy L., Nusser A.), **319,** 797

Hydrodynamics
Galaxy formation and evolution – II. Energy balance, star formation and feedback (Buonomo F., Carraro G., Chiosi C., Lia C.), **312,** 371
Towards steady-state solutions for supersonic wind accretion on to gravitating objects (Pogorelov N.V., Ohsugi Y., Matsuda T.), **313,** 198
Analytic solutions to the problem of jets with time-dependent injection velocities (Cantó J., Raga A.C., D'Alessio P.), **313,** 656
Non-linear hydrodynamical evolution of rotating relativistic stars: numerical methods and code tests (Font J.A., Stergioulas N., Kokkotas K.D.), **313,** 678
Nova outbursts on rotating oblate white dwarfs (Scott A.D.), **313,** 775
On the migration of a system of protoplanets (Kley W.), **313,** L47
Unipolar outflows and global meridional circulations in rotating accretion flows (Igumenshchev I.V.), **314,** 54
The emergence of a neutral Herbig–Haro jet into a photoionized nebula (Raga A., López-Martín L., Binette L., López J.A., Cantó J., Arthur S.J., Mellema G., Steffen W., Ferruit P.), **314,** 681
Self-similar shocked accretion of collisional gas with radiative cooling (Abadi M.G., Bower R.G., Navarro J.F.), **314,** 759
On the absence of winds in advection-dominated accretion flows (Abramowicz M.A., Lasota J.-P., Igumenshchev I.V.), **314,** 775
The precession of eccentric discs in close binaries (Murray J.R.), **314,** L1
Disc–halo interaction – I. Three-dimensional evolution of the Galactic disc (de Avillez M.A.), **315,** 479
Broadening of QSO Lyα forest absorbers (Theuns T., Schaye J., Haehnelt M.G.), **315,** 600
Eccentric discs in binaries with intermediate mass ratios: superhumps in the VY Sculptoris stars (Murray J.R., Warner B., Wickramasinghe D.T.), **315,** 707
Ionizing radiation in smoothed particle hydrodynamics (Kessel-Deynet O., Burkert A.), **315,** 713
Parameter tests within cosmological simulations of galaxy formation (Kay S.T., Pearce F.R., Jenkins A., Frenk C.S., White S.D.M., Thomas P.A., Couchman H.M.P.), **316,** 374
Continuum-driven shocks in active galactic nuclei (Williams R.J.R.), **316,** 803
Two- and three-dimensional numerical simulations of accretion discs in a close binary system (Makita M., Miyawaki K., Matsuda T.), **316,** 906
A possible explanation for the radio afterglow of GRB 980519: the dense medium effect (Wang X.Y., Dai Z.G., Lu T.), **317,** 170
An alpha theory of time-dependent warped accretion discs (Ogilvie G.I.), **317,** 607
A wavelet analysis of the spectra of quasi-stellar objects (Theuns T., Zaroubi S.), **317,** 989
The effect of radiative cooling on the X-ray properties of galaxy clusters (Pearce F.R., Thomas P.A., Couchman H.M.P., Edge A.C.), **317,** 1029
Thermally driven outflows from pair-plasma pressure-mediated shock surfaces around Schwarzschild black holes (Das T.K.), **318,** 294
Newtonian hydrodynamics of the coalescence of black holes with neutron stars – III. Irrotational binaries with a stiff equation of state (Lee W.H.), **318,** 606
Linear and non-linear theory of a parametric instability of hydrodynamic warps in Keplerian discs (Gammie C.F., Goodman J., Ogilvie G.I.), **318,** 1005
The outbursts of dwarf novae (Truss M.R., Murray J.R., Wynn G.A., Edgar R.G.), **319,** 467
Smoothed Particle Hydrodynamics in cosmology: a comparative study of implementations (Thacker R.J., Tittley E.R., Pearce F.R., Couchman H.M.P., Thomas P.A.), **319,** 619
In-shock cooling in numerical simulations (Hutchings R.M., Thomas P.A.), **319,** 721
Possible evidence for the disc origin for the powering of jets in Sgr A* and nearby elliptical galaxies (Yuan F.), **319,** 1178

Instabilities
Helical fields and filamentary molecular clouds – II. Axisymmetric stability and fragmentation (Fiege J.D., Pudritz R.E.), **311,** 105
A spectroscopic study of V603 Aquilae: stellar parameters and continuum–line variations (Arenas J., Catalán M.S., Augusteijn T., Retter A.), **311,** 135

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Electron–cyclotron maser observable modes (Stupp A.), **311,** 251
On possible 'cosmic ray cocoons' of relativistic jets (Ostrowski M.), **312,** 579
Gravitational instability in a system of particles with mass spectrum (Volkov E., Ortega V.G.), **313,** 112
Towards steady-state solutions for supersonic wind accretion on to gravitating objects (Pogorelov N.V., Ohsugi Y., Matsuda T.), **313,** 198
A massive thick disc around a massive black hole and its runaway instability (Lu Y., Cheng K.S., Yang L.T., Zhang L.), **314,** 453
The precession of eccentric discs in close binaries (Murray J.R.), **314,** L1
A mean electromotive force induced by magnetic buoyancy instabilities (Thelen J.-C.), **315,** 155
Non-linear $\alpha\omega$-dynamos driven by magnetic buoyancy (Thelen J.-C.), **315,** 165
Eccentric discs in binaries with intermediate mass ratios: superhumps in the VY Sculptoris stars (Murray J.R., Warner B., Wickramasinghe D.T.), **315,** 707
The population of faint transients in the Galactic Centre (King A.R.), **315,** L33
On the local magnetorotational instability of astrophysical jets (Hanasz M., Sol H., Sauty C.), **316,** 494
Continuum-driven shocks in active galactic nuclei (Williams R.J.R.), **316,** 803
Global structure of self-excited magnetic fields arising from the magnetic shear instability (Drecker A., Rüdiger G., Hollerbach R.), **317,** 45
Fluctuations in isothermal spheres (Katz J., Okamoto I.), **317,** 163
The radial–azimuthal instability of a hot two-temperature accretion disc with advection (Ding S.-X., Yang L.-T., Wu X.-B., Lu Y.), **317,** 737
The response of a turbulent accretion disc to an imposed epicyclic shearing motion (Torkelsson U., Ogilvie G.I., Brandenburg A., Pringle J.E., Nordlund Å., Stein R.F.), **318,** 47
Relativistic anisotropic pair plasmas (Asseo E., Riazuelo A.), **318,** 983
Linear and non-linear theory of a parametric instability of hydrodynamic warps in Keplerian discs (Gammie C.F., Goodman J., Ogilvie G.I.), **318,** 1005
The γ-ray burst phenomenon treated as the collapse of a QED magnetized vacuum bubble: analogy with sonoluminescence (Gnedin Yu.N., Kiikov S.O.), **318,** 1277
The outbursts of dwarf novae (Truss M.R., Murray J.R., Wynn G.A., Edgar R.G.), **319,** 467

Line: formation
A Seyfert-like nucleus concealed in BL Lacertae? (Corbett E.A., Robinson A., Axon D.J., Hough J.H.), **311,** 485
Theoretical values for the [O III] 5007/4959 line-intensity ratio and homologous cases (Storey P.J., Zeippen C.J.), **312,** 813
Effects of Kerr space–time on spectral features from X-ray illuminated accretion discs (Martocchia A., Karas V., Matt G.), **312,** 817
K-shell photoionization cross-sections of N V and O VI (Charro E., Bell K.L., Martin I., Hibbert A.), **313,** 247
The outer atmosphere of α Tau – III. Inhomogeneities deduced from cold CO fluorescence (McMurry A.D., Jordan C.), **313,** 423
The southern active-chromosphere star HD 6628 (Watson L.C., Hearnshaw J.B., Pollard K.R., Kilmartin P.M., Gilmore A.C.), **315,** 69
On the influence of resonant absorption on the iron emission-line profiles from accreting black holes (Ruszkowski M., Fabian A.C.), **315,** 223
Reprocessed emission from warped accretion discs with application to X-ray iron line profiles (Hartnoll S.A., Blackman E.G.), **317,** 880
Testing the photoionization models of powerful radio galaxies: mixed line-emitting media in 3C 321 (Robinson T.G., Tadhunter C.N., Axon D.J., Robinson A.), **317,** 922

Line: identification
Rotational contours of CH_2X chain species compared with several diffuse interstellar bands (Schulz S.A., King J.E., Glinski R.J.), **312,** 769
Discovery of a red- and blueshifted iron disc line in the Galactic jet source GRO J1655–40 (Bałucińska-Church M., Church M.J.), **312,** L55
Energy levels, lifetimes and branch fractions for Fe XI (Fritzsche S., Dong C.Z., Träbert E.), **318,** 263
SiC_2 in carbon stars: Merrill–Sanford absorption bands between 4100 and 5500 Å (Sarre P.J., Hurst M.E., Lloyd Evans T.), **319,** 103

Line: profiles
Iron Kα line profiles driven by non-axisymmetric illumination (Yu Q., Lu Y.), **311,** 161
Broadening of lines of Be II, Sr II and Ba II by collisions with hydrogen atoms and the solar abundance of strontium (Barklem P.S., O'Mara B.J.), **311,** 535
Detection of a variable interstellar absorption component towards δ Orionis A (Price R.J., Crawford I.A., Barlow M.J.), **312,** L43
Spiral structure in IP Pegasi: how persistent is it? (Morales-Rueda L., Marsh T.R., Billington I.), **313,** 454
Multi-epoch Doppler tomography and polarimetry of QQ Vul (Schwope A.D., Catalán M.S., Beuermann K., Metzner A., Smith R.C., Steeghs D.), **313,** 533
Calculations and physical properties of the D3 emission lines of a prominence (Li K., Gu X., Chen X.), **313,** 761
Spectropolarimetric measurements of magnetic Ap and Bp stars in all four Stokes parameters (Wade G.A., Donati J.-F., Landstreet J.D., Shorlin S.L.S.), **313,** 823
Doppler images from dual-site observations of southern rapidly rotating stars – I. Differential rotation on PZ Tel (Barnes J.R., Collier Cameron A., James D.J., Donati J.-F.), **314,** 162
The southern active-chromosphere star HD 6628 (Watson L.C., Hearnshaw J.B., Pollard K.R., Kilmartin P.M., Gilmore A.C.), **315,** 69
Interstellar Na I D lines towards the Southern Coalsack (Franco G.A.P.), **315,** 611
Interstellar velocity components towards reddened stars (Galazutdinov G.A., Krełowski J., Musaev F.A.), **315,** 703
Magnetic confinement, magnetohydrodynamic waves and smooth line profiles in active galactic nuclei (Bottorff M.C., Ferland G.J.), **316,** 103
The spectral variations of the O-type runaway supergiant HD 188209 (Israelian G., Herrero A., Musaev F., Kaufer A., Galeev A., Galazutdinov G., Santolaya-Rey E.), **316,** 407
Reprocessed emission from warped accretion discs with application to X-ray iron line profiles (Hartnoll S.A., Blackman E.G.), **317,** 880
A study of interstellar Na I D absorption lines towards the Lupus molecular clouds (Crawford I.A.), **317,** 996
The evidence against Comptonization as a mechanism to explain the Fe Kα line profile in MCG–6-30-15 (Ruszkowski M., Fabian A.C., Ross R.R., Iwasawa K.), **317,** L11
The δ Scuti star 38 o^1 Eri (Balona L.A.), **318,** 289
Neon abundances in normal late-B and mercury–manganese stars (Dworetsky M.M., Budaj J.), **318,** 1264
Accurate laboratory wavelengths of some ultraviolet lines of Cr, Zn and Ni relevant to time variations of the fine structure constant (Pickering J.C., Thorne A.P., Murray J.E., Litzén U., Johansson S., Zilio V., Webb J.K.), **319,** 163
Spectropolarimetry of broad Hα lines in radio galaxies: constraints on the geometry of the broad-line and scattering regions (Corbett E.A., Robinson A., Axon D.J., Young S.), **319,** 685

Magnetic fields
Helical fields and filamentary molecular clouds – II. Axisymmetric stability and fragmentation (Fiege J.D., Pudritz R.E.), **311,** 105
Polarization evolution in strong magnetic fields (Heyl J.S., Shaviv N.J.), **311,** 555
Carter separable electromagnetic fields (Lynden-Bell D.), **312,** 301
Studies in mid-infrared spectropolarimetry – II. An atlas of spectra (Smith C.H., Wright C.M., Aitken D.K., Roche P.F., Hough J.H.), **312,** 327

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The effect of the neutron-star crust on the evolution of a core magnetic field (Konenkov D., Geppert U.), **313,** 66
Non-linear amplification of a magnetic field driven by cosmic ray streaming (Lucek S.G., Bell A.R.), **314,** 65
Dynamo action and the period gap in cataclysmic variables (Lanza A.F., Rodonò M., Rosner R.), **314,** 398
Excitation of Alfvén waves and pulsar radio emission (Lyutikov M.), **315,** 31
Towards a model for the solar dynamo (Moss D., Brooke J.), **315,** 521
Magnetic field dragging and the vertical structure of thin accretion discs (Shalybkov D., Rüdiger G.), **315,** 762
Dynamo action driven by convection: the influence of magnetic boundary conditions (Thelen J.-C., Cattaneo F.), **315,** L13
Magnetic confinement, magnetohydrodynamic waves and smooth line profiles in active galactic nuclei (Bottorff M.C., Ferland G.J.), **316,** 103
Global structure of self-excited magnetic fields arising from the magnetic shear instability (Drecker A., Rüdiger G., Hollerbach R.), **317,** 45
Gamma-ray emission from pulsars: strength of the acceleration field in the outer gap (Hirotani K.), **317,** 225
Coherent synchrotron emission observed: implications for radio astronomy (Benford G., Tzach D.), **317,** 497
An accretion disc model with a magnetic wind and turbulent viscosity (Campbell C.G.), **317,** 501
Energetic particle acceleration in a three-dimensional magnetic field reconnection model: the role of magnetohydrodynamic turbulence (Kobak T., Ostrowski M.), **317,** 973
Coronal activity from dynamos in astrophysical rotators (Blackman E.G., Field G.B.), **318,** 724
The γ-ray burst phenomenon treated as the collapse of a QED magnetized vacuum bubble: analogy with sonoluminescence (Gnedin Yu.N., Kiikov S.O.), **318,** L15
Magnetic flares and the optical variability of the X-ray transient XTE J1118 + 480 (Merloni A., Di Matteo T., Fabian A.C.), **318,** L15
An unconventional accretion disc dynamo (Reyes-Ruiz M.), **319,** 1039

MHD

Helical fields and filamentary molecular clouds – I (Fiege J.D., Pudritz R.E.), **311,** 85
Helical fields and filamentary molecular clouds – II. Axisymmetric stability and fragmentation (Fiege J.D., Pudritz R.E.), **311,** 105
Reconnection X-winds: spin-down of low-mass protostars (Ferreira J., Pelletier G., Appl S.), **312,** 387
On the particle acceleration near the light surface of radio pulsars (Beskin V.S., Rafikov R.R.), **313,** 433
On the magnetohydrodynamic decollimation in compact objects (Beskin V.S., Okamoto I.), **313,** 445
Magnetic ionization fronts – II. Jump conditions for oblique magnetization (Williams R.J.R., Dyson J.E., Hartquist T.W.), **314,** 315
Dynamo action and the period gap in cataclysmic variables (Lanza A.F., Rodonò M., Rosner R.), **314,** 398
Disc instability models for X-ray transients: evidence for evaporation and low α-viscosity? (Menou K., Hameury J.-M., Lasota J.-P., Narayan R.), **314,** 498
Development of structure in pores and sunspots: flows around axisymmetric magnetic flux tubes (Hurlburt N.E., Rucklidge A.M.), **314,** 793
Magnetic flux expulsion in powerful superbubble explosions and the α–Ω dynamo (Rafikov R.R., Kulsrud R.M.), **314,** 839
Excitation of Alfvén waves and pulsar radio emission (Lyutikov M.), **315,** 31
A mean electromotive force induced by magnetic buoyancy instabilities (Thelen J.-C.), **315,** 155
Non-linear $\alpha\omega$-dynamos driven by magnetic buoyancy (Thelen J.-C.), **315,** 165
Towards a model for the solar dynamo (Moss D., Brooke J.), **315,** 521
Large-scale magnetohydrodynamic density-wave structures in the Andromeda nebula (Lou Y.-Q., Fan Z.), **315,** 646
Magnetic field dragging and the vertical structure of thin accretion discs (Shalybkov D., Rüdiger G.), **315,** 762
Dynamo action driven by convection: the influence of magnetic boundary conditions (Thelen J.-C., Cattaneo F.), **315,** L13
Magnetic confinement, magnetohydrodynamic waves and smooth line profiles in active galactic nuclei (Bottorff M.C., Ferland G.J.), **316,** 103
On the local magnetorotational instability of astrophysical jets (Hanasz M., Sol H., Sauty C.), **316,** 494
Non-linear magnetic diffusivity in mean-field electrodynamics (Urpin V., Brandenburg A.), **316,** 684
Global structure of self-excited magnetic fields arising from the magnetic shear instability (Drecker A., Rüdiger G., Hollerbach R.), **317,** 45
An accretion disc model with a magnetic wind and turbulent viscosity (Campbell C.G.), **317,** 501
Energetic particle acceleration in a three-dimensional magnetic field reconnection model: the role of magnetohydrodynamic turbulence (Kobak T., Ostrowski M.), **317,** 973
The response of a turbulent accretion disc to an imposed epicyclic shearing motion (Torkelsson U., Ogilvie G.I., Brandenburg A., Pringle J.E., Nordlund Å., Stein R.F.), **318,** 47
Acceleration and collimation of magnetized winds (Okamoto I.), **318,** 250
A disc-wind model with correct crossing of all magnetohydrodynamic critical surfaces (Vlahakis N., Tsinganos K., Sauty C., Trussoni E.), **318,** 417
The three-dimensional breakup of a magnetic layer (Wissink J.G., Hughes D.W., Matthews P.C., Proctor M.R.E.), **318,** 501
The γ-ray burst phenomenon treated as the collapse of a QED magnetized vacuum bubble: analogy with sonoluminescence (Gnedin Yu.N., Kiikov S.O.), **318,** 1277
An unconventional accretion disc dynamo (Reyes-Ruiz M.), **319,** 1039

Masers

Electron–cyclotron maser observable modes (Stupp A.), **311,** 251
Observations of OH 4765-MHz maser emission from star-forming regions (Szymczak M., Kus A.J., Hrynek G.), **312,** 211
Methanol masers at 107.0 and 156.6 GHz (Caswell J.L., Yi J., Booth R.S., Cragg D.M.), **313,** 599
Infrared emission from 6.7-GHz methanol maser sources (Goedhart S., van der Walt D.J., Schutte A.J.), **315,** 316
Resolved OH megamaser emission in the nuclear region of the ultraluminous infrared galaxy Markarian 273 (Yates J.A., Richards A.M.S., Wright M.M., Collett J.L., Gray M.D., Field D., Cohen R.J.), **317,** 28
A milliarcsecond-resolution image of the OH masers in G34.3 + 0.2 (Zheng X.W., Moran J.M., Reid M.J.), **317,** 192
Detection of new sources of methanol emission at 95 GHz with the Mopra telescope (Val'tts I.E., Ellingsen S.P., Slysh V.I., Kalenskii S.V., Otrupcek R., Larionov G.M.), **317,** 315

Molecular data

Rotational contours of CH_2X chain species compared with several diffuse interstellar bands (Schulz S.A., King J.E., Glinski R.J.), **312,** 769
Momentum transfer between ions and neutrals in molecular gas (Flower D.R.), **313,** L19
The cooling of astrophysical media by HD (Flower D.R., Le Bourlot J., Pineau des Forêts G., Roueff E.), **314,** 753
Erratum: Momentum transfer between ions and neutrals in molecular gas (Flower D.R.), **315,** 431
Large molecules in the envelope surrounding IRC + 10216 (Millar T.J., Herbst E., Bettens R.P.A.), **316,** 195

Molecular processes

Ultra-high-resolution observations of circumstellar K I and C_2 around the post-AGB star HD 56126 (Crawford I.A., Barlow M.J.), **311,** 370

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Calculations on the rates, mechanisms, and interstellar importance of the reactions between C and NH_2 and between N and CH_2 (Herbst E., Terzieva R., Talbi D.), **311,** 869
Interstellar CO towards X Persei (HD 24534) – I. One-component model (Kaczmarczyk G.), **312,** 794
H_3^+ in diffuse interstellar gas (Cecchi-Pestellini C., Dalgarno A.), **313,** L6
The diffuse interstellar bands: a dipole–bound state hypothesis (Sarre P.J.), **313,** L14
The CO Cameron band emission in the Red Rectangle (Yan M., Dalgarno A., Klemperer W., Miller A.E.S.), **313,** L17
Momentum transfer between ions and neutrals in molecular gas (Flower D.R.), **313,** L19
Chemically driven desorption of CO from icy grains in dark clouds (Takahashi J., Williams D.A.), **314,** 273
The cooling of astrophysical media by HD (Flower D.R., Le Bourlot J., Pineau des Forêts G., Roueff E.), **314,** 753
Erratum: Momentum transfer between ions and neutrals in molecular gas (Flower D.R.), **315,** 431
Large molecules in the envelope surrounding IRC + 10216 (Millar T.J., Herbst E., Bettens R.P.A.), **316,** 195
The ortho:para H_2 ratio in the primordial gas (Flower D.R., Pineau des Forêts G.), **316,** 901
Ultraviolet-background-induced bifurcation of galactic morphology (Susa H., Umemura M.), **316,** L17
Collapse of low-mass clouds in the presence of a UV radiation field (Susa H., Kitayama T.), **317,** 175
The possibility of nitrogen isotopic fractionation in interstellar clouds (Terzieva R., Herbst E.), **317,** 563
HD in the primordial gas (Flower D.R.), **318,** 875
SiC_2 in carbon stars: Merrill–Sanford absorption bands between 4100 and 5500 Å (Sarre P.J., Hurst M.E., Lloyd Evans T.), **319,** 103
New models of interstellar gas–grain chemistry – I. Surface diffusion rates (Ruffle D.P., Herbst E.), **319,** 837

Nuclear reactions, nucleosynthesis, abundances
Time of explosive decay of a daemon-containing nucleus (Drobyshevski E.M.), **311,** L1
Nova outbursts on rotating oblate white dwarfs (Scott A.D.), **313,** 775

Plasmas
A new mechanism for pulsar gamma-ray emission (Machabeli G.Z., Luo Q., Melrose D.B., Vladimirov S.), **312,** 51
Excitation of Alfvén waves and pulsar radio emission (Lyutikov M.), **315,** 31
Effect of Coulomb collisions on time variations of the solar neutrino flux (Malyshkin L., Kulsrud R.), **316,** 249
A disc-wind model with correct crossing of all magnetohydrodynamic critical surfaces (Vlahakis N., Tsinganos K., Sauty C., Trussoni E.), **318,** 417
Relativistic anisotropic pair plasmas (Asseo E., Riazuelo A.), **318,** 983

Polarization
Polarization evolution in strong magnetic fields (Heyl J.S., Shaviv N.J.), **311,** 555
Polarimetry of young stellar objects – III. Circular polarimetry of OMC-1 (Chrysostomou A., Gledhill T.M., Ménard F., Hough J.H., Tamura M., Bailey J.), **312,** 103
Thermal and kinematic corrections to the microwave background polarization induced by galaxy clusters along the line of sight (Challinor A.D., Ford M.T., Lasenby A.N.), **312,** 159
A generic scattering model for AGN (Young S.), **312,** 567
Multi-epoch Doppler tomography and polarimetry of QQ Vul (Schwope A.D., Catalán M.S., Beuermann K., Metzner A., Smith R.C., Steeghs D.), **313,** 533
Intraday polarization variability outside the VLBI core of the active galactic nucleus 0716 + 714 (Gabuzda D.C., Kochenov P.Yu., Cawthorne T.V., Kollgaard R.I.), **313,** 627
Constraints on the nuclear emission of the Circinus galaxy: optical and near-IR spectropolarimetry (Alexander D.M., Heisler C.A., Young S., Lumsden S.L., Hough J.H., Bailey J.A.), **313,** 815
Spectropolarimetric measurements of magnetic Ap and Bp stars in all four Stokes parameters (Wade G.A., Donati J.-F., Landstreet J.D., Shorlin S.L.S.), **313,** 823
High-precision magnetic field measurements of Ap and Bp stars (Wade G.A., Donati J.-F., Landstreet J.D., Shorlin S.L.S.), **313,** 851
Highly polarized structures in the near-nuclear regions of Cygnus A: intrinsic anisotropy within the cones? (Tadhunter C.N., Sparks W., Axon D.J., Bergeron L., Jackson N.J., Packham C., Hough J.H., Robinson A., Young S.), **313,** L52
Effects of inflationary bubbles on the polarization and temperature anisotropies of the cosmic microwave background (Baccigalupi C., Perrotta F.), **314,** 1
Circular polarization by scattering from spheroidal dust grains (Gledhill T.M., McCall A.), **314,** 123
VLBI and VLA observations of intraday polarization variability in 0917 + 624 and 0954 + 658 (Gabuzda D.C., Kochenov P.Yu., Kollgaard R.I., Cawthorne T.V.), **315,** 229
Large-scale magnetohydrodynamic density-wave structures in the Andromeda nebula (Lou Y.-Q., Fan Z.), **315,** 646
Synthetic line profiles of rotationally distorted hot-star winds (Harries T.J.), **315,** 722
Polarimetry and spectroscopy of RX J1141.3–6410: a single-pole AM Her system (Buckley D.A.H., Cropper M., van der Heyden K., Potter S.B., Wickramasinghe D.T.), **318,** 187
Simultaneous radio and X-ray observations of Galactic Centre low-mass X-ray binaries (Berendsen S.G.H., Fender R., Kuulkers E., Heise J., van der Klis M.), **318,** 599
Comparisons of images derived from independent Zeeman Doppler imaging codes (Hussain G.A.J., Donati J.-F., Collier Cameron A., Barnes J.R.), **318,** 961
Radio circular polarization of active galaxies (Rayner D.P., Norris R.P., Sault R.J.), **319,** 484
The optical polarization of spiral galaxies (Simmons J.F.L., Audit E.), **319,** 497
Spectropolarimetry of broad Hα lines in radio galaxies: constraints on the geometry of the broad-line and scattering regions (Corbett E.A., Robinson A., Axon D.J., Young S.), **319,** 685
VLBI polarization images of eight compact active galactic nuclei at $\lambda = 1.3$ cm (Gabuzda D.C., Cawthorne T.V.), **319,** 1056
Analysis of $\lambda = 6$ cm VLBI polarization observations of a complete sample of northern BL Lacertae objects (Gabuzda D.C., Pushkarev A.B., Cawthorne T.V.), **319,** 1109
Serendipitous VLBI observations of polarization intraday variability in three BL Lacertae objects (Gabuzda D.C., Kochenov P.Yu., Cawthorne T.V.), **319,** 1125
Hα spectropolarimetry of the Herbig Ae star AB Aurigae (Pontefract M., Drew J.E., Harries T.J., Oudmaijer R.D.), **319,** L19

Radiation mechanisms: non-thermal
Electron–cyclotron maser observable modes (Stupp A.), **311,** 251
Propeller spin-down and the non-thermal emission from AE Aquarii (Meintjes P.J., de Jager O.C.), **311,** 611
A new mechanism for pulsar gamma-ray emission (Machabeli G.Z., Luo Q., Melrose D.B., Vladimirov S.), **312,** 51
Constraints on the emission mechanisms of gamma-ray bursts (Ghisellini G., Celotti A., Lazzati D.), **313,** L1
On the viewing angle dependence of blazar variability (Eldar A., Levinson A.), **314,** 641
Extended X-ray emission in the radio-loud galaxy 3C 382 (Prieto M.A.), **316,** 442
On the optical light curves of afterglows from jetted gamma-ray burst ejecta: effects of parameters (Huang Y.F., Dai Z.G., Lu T.), **316,** 943
Compton dragged gamma-ray bursts: the spectrum (Ghisellini G., Lazzati D., Celotti A., Rees M.J.), **316,** L45
Coherent synchrotron emission observed: implications for radio astronomy (Benford G., Tzach D.), **317,** 497
High-energy emission from millisecond pulsars: polar cap models (Luo Q., Shibata S., Melrose D.B.), **318,** 943
Relativistic anisotropic pair plasmas (Asseo E., Riazuelo A.), **318,** 983

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Deformations of accreting neutron star crusts and gravitational wave emission (Ushomirsky G., Cutler C., Bildsten L.), **319,** 902

Radiation mechanisms: thermal
SCUBA observations of the elliptical galaxy NGC 4374 (Leeuw L.L., Sansom A.E., Robson E.I.), **311,** 683
Thermal synchrotron radiation and its Comptonization in compact X-ray sources (Wardziński G., Zdziarski A.A.), **314,** 183
Magnetic flares and the optical variability of the X-ray transient XTE J1118 + 480 (Merloni A., Di Matteo T., Fabian A.C.), **318,** L15

Radiative transfer
Effects of clumping on the observed properties of dusty galaxies (Bianchi S., Ferrara A., Davies J.I., Alton P.B.), **311,** 601
On the interpretation of the multicolour disc model for black hole candidates (Merloni A., Fabian A.C., Ross R.R.), **313,** 193
Massive star formation in galaxies: radiative transfer models of the UV to millimetre emission of starburst galaxies (Efstathiou A., Rowan-Robinson M., Siebenmorgen R.), **313,** 734
The role of the geometry and dust environment in stationary models of translucent interstellar clouds (Kopp M., Roueff E., Pineau des Forêts G.), **315,** 37
Atmospheric emission from hydrogen-shell-burning white dwarfs as supersoft X-ray sources (Shimura T.), **315,** 345
Ionizing radiation in smoothed particle hydrodynamics (Kessel-Deynet O., Burkert A.), **315,** 713
Synthetic line profiles of rotationally distorted hot-star winds (Harries T.J.), **315,** 722
Optical properties of the carbon dust grains in the envelopes around asymptotic giant branch stars (Suh K.-W.), **315,** 740
The X-ray spectrum of a disc illuminated by ions (Spruit H.C., Haardt F.), **315,** 751
Modelling of oxygen-rich envelopes using corundum and silicate grains (Lorenz-Martins S., Pompeia L.), **315,** 856
Radiation–hydrodynamical collapse of pre-galactic clouds in the ultraviolet background (Kitayama T., Tajiri Y., Umemura M., Susa H., Ikeuchi S.), **315,** L1
Ultraviolet-background-induced bifurcation of galactic morphology (Susa H., Umemura M.), **316,** L17
Collapse of low-mass clouds in the presence of a UV radiation field (Susa H., Kitayama T.), **317,** 175
The modelling of line emission from axially symmetric structures (Phillips R.R., Little L.T.), **317,** 179
Hyperbolic character of the angular moment equations of radiative transfer and numerical methods (Pons J.A., Ibáñez J.Mª, Miralles J.A.), **317,** 550

Relativity
Carter separable electromagnetic fields (Lynden-Bell D.), **312,** 301
Effects of Kerr space–time on spectral features from X-ray illuminated accretion discs (Martocchia A., Karas V., Matt G.), **312,** 817
Very-high-energy gamma radiation associated with the unshocked wind of the Crab pulsar (Bogovalov S.V., Aharonian F.A.), **313,** 504
Non-linear hydrodynamical evolution of rotating relativistic stars: numerical methods and code tests (Font J.A., Stergioulas N., Kokkotas K.D.), **313,** 678
On the viewing angle dependence of blazar variability (Eldar A., Levinson A.), **314,** 641
Radiating gravitational collapse with shear viscosity (Chan R.), **316,** 588
Scattering of Dirac waves off Kerr black holes (Chakrabarti S.K., Mukhopadhyay B.), **317,** 979

Scattering
Effects of clumping on the observed properties of dusty galaxies (Bianchi S., Ferrara A., Davies J.I., Alton P.B.), **311,** 601
Polarimetry of young stellar objects – III. Circular polarimetry of OMC-1 (Chrysostomou A., Gledhill T.M., Ménard F., Hough J.H., Tamura M., Bailey J.), **312,** 103
A generic scattering model for AGN (Young S.), **312,** 567
Constraints on the nuclear emission of the Circinus galaxy: optical and near-IR spectropolarimetry (Alexander D.M., Heisler C.A., Young S., Lumsden S.L., Hough J.H., Bailey J.A.), **313,** 815
Highly polarized structures in the near-nuclear regions of Cygnus A: intrinsic anisotropy within the cones? (Tadhunter C.N., Sparks W., Axon D.J., Bergeron L., Jackson N.J., Packham C., Hough J.H., Robinson A., Young S.), **313,** L52
Circular polarization by scattering from spheroidal dust grains (Gledhill T.M., McCall A.), **314,** 123
The X-ray spectrum of a disc illuminated by ions (Spruit H.C., Haardt F.), **315,** 751
Scattering of Dirac waves off Kerr black holes (Chakrabarti S.K., Mukhopadhyay B.), **317,** 979
A laser beacon for monitoring the mesospheric sodium layer at La Palma (Michaille L., Cañas A.D., Dainty J.C., Maxwell J., Gregory T., Quartel J.C., Reavell F.C., Wilson R.W., Wooder N.J.), **318,** 139
The artificial night sky brightness mapped from DMSP satellite Operational Linescan System measurements (Cinzano P., Falchi F., Elvidge C.D., Baugh K.E.), **318,** 641
Spectropolarimetry of broad Hα lines in radio galaxies: constraints on the geometry of the broad-line and scattering regions (Corbett E.A., Robinson A., Axon D.J., Young S.), **319,** 685

Shock waves
Ionization, shocks and evolution of the emission-line gas of distant 3CR radio galaxies (Best P.N., Röttgering H.J.A., Longair M.S.), **311,** 23
Towards steady-state solutions for supersonic wind accretion on to gravitating objects (Pogorelov N.V., Ohsugi Y., Matsuda T.), **313,** 198
Momentum transfer between ions and neutrals in molecular gas (Flower D.R.), **313,** L19
Erratum: Momentum transfer between ions and neutrals in molecular gas (Flower D.R.), **315,** 431
Acceleration time-scale in an ultrarelativistic shock (Bednarz J.), **315,** L37
Continuum-driven shocks in active galactic nuclei (Williams R.J.R.), **316,** 803
Two- and three-dimensional numerical simulations of accretion discs in a close binary system (Makita M., Miyawaki K., Matsuda T.), **316,** 906
A possible explanation for the radio afterglow of GRB 980519: the dense medium effect (Wang X.Y., Dai Z.G., Lu T.), **317,** 170
Thermally driven outflows from pair-plasma pressure-mediated shock surfaces around Schwarzschild black holes (Das T.K.), **318,** 294
Sputtering of grains in C-type shocks (May P.W., Pineau des Forêts G., Flower D.R., Field D., Allan N.L., Purton J.A.), **318,** 809
In-shock cooling in numerical simulations (Hutchings R.M., Thomas P.A.), **319,** 721
Intrinsic parameters of GRB 990123 from its prompt optical flash and afterglow (Wang X.Y., Dai Z.G., Lu T.), **319,** 1159

Turbulence
Probing solar convection (Brüggen M.), **312,** 887
Disc instability models for X-ray transients: evidence for evaporation and low α-viscosity? (Menou K., Hameury J.-M., Lasota J.-P., Narayan R.), **314,** 498
Turbulent eddy viscosity and large-scale convection in the Sun (Stothers R.B.), **314,** L7
Non-linear magnetic diffusivity in mean-field electrodynamics (Urpin V., Brandenburg A.), **316,** 684
An accretion disc model with a magnetic wind and turbulent viscosity (Campbell C.G.), **317,** 501
Energetic particle acceleration in a three-dimensional magnetic field reconnection model: the role of magnetohydrodynamic turbulence (Kobak T., Ostrowski M.), **317,** 973
Turbulence and laminar structures: can they co-exist? (Canuto V.M.), **317,** 985
The response of a turbulent accretion disc to an imposed epicyclic shearing motion (Torkelsson U., Ogilvie G.I., Brandenburg A., Pringle J.E., Nordlund Å., Stein R.F.), **318,** 47

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Linear and non-linear theory of a parametric instability of hydrodynamic warps in Keplerian discs (Gammie C.F., Goodman J., Ogilvie G.I.), **318,** 1005

Waves
Probing solar convection (Brüggen M.), **312,** 887
Non-linear amplification of a magnetic field driven by cosmic ray streaming (Lucek S.G., Bell A.R.), **314,** 65
Hydrodynamic simulations of the Bardeen–Petterson effect (Nelson R.P., Papaloizou J.C.B.), **315,** 570
Large-scale magnetohydrodynamic density-wave structures in the Andromeda nebula (Lou Y.-Q., Fan Z.), **315,** 646
Multiple mode gravitational wave detection with a spherical antenna (Lobo J.A.), **316,** 173
A method for detecting gravitational waves coincident with gamma-ray bursts (Murphy M.T., Webb J.K., Heng I.S.), **316,** 657
Semiclassical approximation for low-degree stellar p modes – I. The classical eigenfrequency equation (Roxburgh I.W., Vorontsov S.V.), **317,** 141
Semiclassical approximation for low-degree stellar p modes – II. Classical ray tracing (Roxburgh I.W., Vorontsov S.V.), **317,** 151
Gravitational wave signals from the collapse of the first stars (Schneider R., Ferrara A., Ciardi B., Ferrari V., Matarrese S.), **317,** 385
An alpha theory of time-dependent warped accretion discs (Ogilvie G.I.), **317,** 607
Scattering of Dirac waves off Kerr black holes (Chakrabarti S.K., Mukhopadhyay B.), **317,** 979
Relativistic anisotropic pair plasmas (Asseo E., Riazuelo A.), **318,** 983
Linear and non-linear theory of a parametric instability of hydrodynamic warps in Keplerian discs (Gammie C.F., Goodman J., Ogilvie G.I.), **318,** 1005
Surface trapping and leakage of low-frequency g modes in rotating early-type stars – II. Global analysis (Townsend R.H.D.), **319,** 289

Astronomical instrumentation, methods and techniques

Atmospheric effects
Atmospheric transmission at submillimetre wavelengths from Mauna Kea (Naylor D.A., Davis G.R., Gom B.G., Clark T.A., Griffin M.J.), **315,** 622
New challenges for adaptive optics: extremely large telescopes (Le Louarn M., Hubin N., Sarazin M., Tokovinin A.), **317,** 535
A laser beacon for monitoring the mesospheric sodium layer at La Palma (Michaille L., Cañas A.D., Dainty J.C., Maxwell J., Gregory T., Quartel J.C., Reavell F.C., Wilson R.W., Wooder N.J.), **318,** 139
The artificial night sky brightness mapped from DMSP satellite Operational Linescan System measurements (Cinzano P., Falchi F., Elvidge C.D., Baugh K.E.), **318,** 641

Instrumentation: detectors
The timing properties of Sco X-1 along its Z track with *EXOSAT* (Dieters S.W., van der Klis M.), **311,** 201
Dynamic-range limitations of intensified CCD photon-counting detectors (Fordham J.L.A., Moorhead C.F., Galbraith R.F.), **312,** 83
A baseband recorder for radio pulsar observations (Stairs I.H., Splaver E.M., Thorsett S.E., Nice D.J., Taylor J.H.), **314,** 459
Multiple mode gravitational wave detection with a spherical antenna (Lobo J.A.), **316,** 173
A method for detecting gravitational waves coincident with gamma-ray bursts (Murphy M.T., Webb J.K., Heng I.S.), **316,** 657
High time-resolution spectroscopic imaging using intensified CCD detectors (Fordham J.L.A., Kawakami H., Michel R.M., Much R., Robinson J.R.), **319,** 414

Instrumentation: interferometers
Atmospheric transmission at submillimetre wavelengths from Mauna Kea (Naylor D.A., Davis G.R., Gom B.G., Clark T.A., Griffin M.J.), **315,** 622
A measurement at the first acoustic peak of the cosmic microwave background with the 33-GHz interferometer (Harrison D.L., Rubiño-Martin J.A., Melhuish S.J., Watson R.A., Davies R.D., Rebolo R., Davis R.J., Gutiérrez C.M., Macias-Perez J.F.), **316,** L24

Instrumentation: miscellaneous
Oxygen and helium abundances in Galactic H II regions – I. Observations (Caplan J., Deharveng L., Peña M., Costero R., Blondel C.), **311,** 317
Dynamic-range limitations of intensified CCD photon-counting detectors (Fordham J.L.A., Moorhead C.F., Galbraith R.F.), **312,** 83
Pendular seismometer for correcting telescope vibrations (Tokovinin A.), **316,** 637
New challenges for adaptive optics: extremely large telescopes (Le Louarn M., Hubin N., Sarazin M., Tokovinin A.), **317,** 535

Instrumentation: photometers
Inelastic dissipation in wobbling asteroids and comets (Efroimsky M., Lazarian A.), **311,** 269

Instrumentation: polarimeters
A baseband recorder for radio pulsar observations (Stairs I.H., Splaver E.M., Thorsett S.E., Nice D.J., Taylor J.H.), **314,** 459

Instrumentation: spectrographs
An experimental investigation of immersed gratings (Lee D., Allington-Smith J.R.), **312,** 57
A guide to TAURUS-2 Fabry–Perot data reduction (Gordon S., Koribalski B., Houghton S., Jones K.), **315,** 248
Using slitless spectroscopy to study the kinematics of the planetary nebula population in M94 (Douglas N.G., Gerssen J., Kuijken K., Merrifield M.R.), **316,** 795

Light pollution
The artificial night sky brightness mapped from DMSP satellite Operational Linescan System measurements (Cinzano P., Falchi F., Elvidge C.D., Baugh K.E.), **318,** 641

Methods: analytical
Generalized cumulant correlators and hierarchical clustering (Munshi D., Melott A.L., Coles P.), **311,** 149
Inelastic dissipation in wobbling asteroids and comets (Efroimsky M., Lazarian A.), **311,** 269
Approximate third integrals for axisymmetric potentials using local Stäckel fits (De Bruyne V., Leeuwin F., Dejonghe H.), **311,** 297
Universal profile of dark matter haloes and the spherical infall model (Łokas E.L.), **311,** 423
Large-scale structure, the cosmic microwave background and primordial non-Gaussianity (Verde L., Wang L., Heavens A.F., Kamionkowski M.), **313,** 141
Weak lensing from strong clustering (Munshi D., Coles P.), **313,** 148
Cosmic microwave background bispectrum and slow-roll inflation (Gangui A., Martin J.), **313,** 323
Stokes imaging of the AM Her system ST LMi (Potter S.B.), **314,** 672
Stokes imaging of the accretion region in magnetic cataclysmic variables – II. V347 Pav (Potter S.B., Cropper M., Hakala P.J.), **315,** 423
Comprehensive analytic formulae for stellar evolution as a function of mass and metallicity (Hurley J.R., Pols O.R., Tout C.A.), **315,** 543
Analytical solutions for the Newtonian gravitational field induced by matter within axisymmetric boundaries (Conway J.T.), **316,** 540
Exact solutions for the gravitational potential of a family of heterogeneous spheroids (Conway J.T.), **316,** 555
The eccentricities of the barium stars (Karakas A.I., Tout C.A., Lattanzio J.C.), **316,** 689
The statistics of weak lensing at small angular scales: probability distribution function (Munshi D., Jain B.), **318,** 109
Probing the gravity-induced bias with weak lensing: test of analytical results against simulations (Munshi D.), **318,** 145

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Methods: data analysis
Deconvolution of *ASCA* X-ray data – I. Spectral-imaging method (White D.A., Buote D.A.), **312,** 649
Deconvolution of *ASCA* X-ray data – II. Radial temperature and metallicity profiles for 106 galaxy clusters (White D.A.), **312,** 663
Source of excitation of low-ℓ solar p modes: characteristics and solar-cycle variations (Chaplin W.J., Appourchaux T., Elsworth Y., Isaak G.R., Miller B.A., New R.), **314,** 75
Measuring angular diameters of extended sources (van Hoof P.A.M.), **314,** 99
Doppler images from dual-site observations of southern rapidly rotating stars – I. Differential rotation on PZ Tel (Barnes J.R., Collier Cameron A., James D.J., Donati J.-F.), **314,** 162
Determining the mass of the accreting white dwarf in magnetic cataclysmic variables using *RXTE* data (Ramsay G.), **314,** 403
Error analysis for stellar population synthesis as an inverse problem (Moultaka J., Pelat D.), **314,** 409
Spectral analysis of the Lyα forest using wavelets (Meiksin A.), **314,** 566
A guide to TAURUS-2 Fabry–Perot data reduction (Gordon S., Koribalski B., Houghton S., Jones K.), **315,** 248
The WARPS survey – IV. The X-ray luminosity–temperature relation of high-redshift galaxy clusters (Fairley B.W., Jones L.R., Scharf C., Ebeling H., Perlman E., Horner D., Wegner G., Malkan M.), **315,** 669
Isotropic wavelets: a powerful tool to extract point sources from cosmic microwave background maps (Cayón L., Sanz J.L., Barreiro R.B., Martínez-González E., Vielva P., Toffolatti L., Silk J., Diego J.M., Argüeso F.), **315,** 757
Feature relevance in morphological galaxy classification (Bazell D.), **316,** 519
The analysis of indexed astronomical time series – VI. Covariances of amplitude ratios and phase differences estimated from multicolour photometry of a pulsating star (Koen C.), **316,** 613
A ROBUST method for fitting peculiar velocity field models (Rauzy S., Hendry M.A.), **316,** 621
Space-borne global astrometric surveys: the hunt for extrasolar planets (Lattanzi M.G., Spagna A., Sozzetti A., Casertano S.), **317,** 211
Massive lossless data compression and multiple parameter estimation from galaxy spectra (Heavens A.F., Jimenez R., Lahav O.), **317,** 965
The 2dF QSO Redshift Survey – I. The optical luminosity function of quasi-stellar objects (Boyle B.J., Shanks T., Croom S.M., Smith R.J., Miller L., Loaring N., Heymans C.), **317,** 1014
Hypothesis testing for meagre data sets (Lucy L.B.), **318,** 92
Testing the Gaussianity of the *COBE* DMR data with spherical wavelets (Barreiro R.B., Hobson M.P., Lasenby A.N., Banday A.J., Górski K.M., Hinshaw G.), **318,** 475
Magnetic and optical spiral arms in the galaxy NGC 6946 (Frick P., Beck R., Shukurov A., Sokoloff D., Ehle M., Kamphuis J.), **318,** 925
Do wavelets really detect non-Gaussianity in the 4-year *COBE* data? (Mukherjee P., Hobson M.P., Lasenby A.N.), **318,** 1157
On measuring low-degree p-mode frequency splitting with full-disc integrated data (Appourchaux T., Chang H.-Y., Gough D.O., Sekii T.), **319,** 365
Wide field imaging – I. Applications of neural networks to object detection and star/galaxy classification (Andreon S., Gargiulo G., Longo G., Tagliaferri R., Capuano N.), **319,** 700
Using galaxy redshift surveys to detect gravitationally lensed quasars (Mortlock D.J., Webster R.L.), **319,** 879

Methods: laboratory
New f-values in neutral lead obtained by time-resolved laser spectroscopy, and astrophysical applications (Biémont E., Garnir H.P., Palmeri P., Li Z.S., Svanberg S.), **312,** 116
Multiple mode gravitational wave detection with a spherical antenna (Lobo J.A.), **316,** 173
Extreme ultraviolet emission lines of Ni XII in laboratory and solar spectra (Keenan F.P., Botha G.J.J., Matthews A., Lawson K.D., Coffey I.H.), **318,** 37
Accurate laboratory wavelengths of some ultraviolet lines of Cr, Zn and Ni relevant to time variations of the fine structure constant (Pickering J.C., Thorne A.P., Murray J.E., Litzén U., Johansson S., Zilio V., Webb J.K.), **319,** 163

Methods: miscellaneous
Low-redshift quasar Lyα absorption-line systems associated with galaxies (Lin W.P., Börner G., Mo H.J.), **319,** 517

Methods: numerical
Electron–cyclotron maser observable modes (Stupp A.), **311,** 251
Approximate third integrals for axisymmetric potentials using local Stäckel fits (De Bruyne V., Leeuwin F., Dejonghe H.), **311,** 297
The origin and formation of cuspy density profiles through violent relaxation of stellar systems (Hozumi S., Burkert A., Fujiwara T.), **311,** 377
Effects of clumping on the observed properties of dusty galaxies (Bianchi S., Ferrara A., Davies J.I., Alton P.B.), **311,** 601
Time evolution of galactic warps in prolate haloes (Ideta M., Hozumi S., Tsuchiya T., Takizawa M.), **311,** 733
Testing linear-theory predictions of galaxy formation (Sugerman B., Summers F.J., Kamionkowski M.), **311,** 762
Galaxy formation and evolution – II. Energy balance, star formation and feedback (Buonomo F., Carraro G., Chiosi C., Lia C.), **312,** 371
Topology and geometry of the CfA2 redshift survey (Schmalzing J., Diaferio A.), **312,** 638
Deconvolution of *ASCA* X-ray data – I. Spectral-imaging method (White D.A., Buote D.A.), **312,** 649
Inverting the angular correlation function (Dodelson S., Gaztañaga E.), **312,** 774
Interstellar CO towards X Persei (HD 24534) – I. One-component model (Kaczmarczyk G.), **312,** 794
The distribution of microlensed light-curve derivatives: the relationship between stellar proper motions and transverse velocity (Wyithe J.S.B., Webster R.L., Turner E.L.), **312,** 843
Modelling star formation and feedback in simulations of interacting galaxies (Springel V.), **312,** 859
Towards steady-state solutions for supersonic wind accretion on to gravitating objects (Pogorelov N.V., Ohsugi Y., Matsuda T.), **313,** 198
A preferred-direction statistic for sky maps (Bunn E.F., Scott D.), **313,** 331
Non-linear hydrodynamical evolution of rotating relativistic stars: numerical methods and code tests (Font J.A., Stergioulas N., Kokkotas K.D.), **313,** 678
Experimental cosmic statistics – I. Variance (Colombi S., Szapudi I., Jenkins A., Colberg J.), **313,** 711
Experimental cosmic statistics – II. Distribution (Szapudi I., Colombi S., Jenkins A., Colberg J.), **313,** 725
A parallel TreeSPH code for galaxy formation (Lia C., Carraro G.), **314,** 145
Galaxy destruction and diffuse light in clusters (Calcáneo-Roldán C., Moore B., Bland-Hawthorn J., Malin D., Sadler E.M.), **314,** 324
Error analysis for stellar population synthesis as an inverse problem (Moultaka J., Pelat D.), **314,** 409
A dynamical model of the inner Galaxy (Häfner R., Evans N.W., Dehnen W., Binney J.), **314,** 433
Optimal softening for force calculations in collisionless N-body simulations (Athanassoula E., Fady E., Lambert J.C., Bosma A.), **314,** 475
Starburst-driven galactic winds – I. Energetics and intrinsic X-ray emission (Strickland D.K., Stevens I.R.), **314,** 511
Self-similar shocked accretion of collisional gas with radiative cooling (Abadi M.G., Bower R.G., Navarro J.F.), **314,** 759
The precession of eccentric discs in close binaries (Murray J.R.), **314,** L1
The rate of caustic crossing microlensing events for Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L.), **315,** 337
Eccentric discs in binaries with intermediate mass ratios: superhumps in the VY Sculptoris stars (Murray J.R., Warner B., Wickramasinghe D.T.), **315,** 707

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Ionizing radiation in smoothed particle hydrodynamics (Kessel-Deynet O., Burkert A.), **315,** 713
Parameter tests within cosmological simulations of galaxy formation (Kay S.T., Pearce F.R., Jenkins A., Frenk C.S., White S.D.M., Thomas P.A., Couchman H.M.P.), **316,** 374
Reconstructing cosmic peculiar velocities from the mildly non-linear density field (Kudlicki A., Chodorowski M., Plewa T., Różyczka M.), **316,** 464
The eccentricities of the barium stars (Karakas A.I., Tout C.A., Lattanzio J.C.), **316,** 689
Interstellar CO towards X Persei (HD 24534) – II. Two-component model (Kaczmarczyk G.), **316,** 875
Two- and three-dimensional numerical simulations of accretion discs in a close binary system (Makita M., Miyawaki K., Matsuda T.), **316,** 906
Central cusp caused by a supermassive black hole in axisymmetric models of elliptical galaxies (Leeuwin F., Athanassoula E.), **317,** 79
Semiclassical approximation for low-degree stellar p modes – I. The classical eigenfrequency equation (Roxburgh I.W., Vorontsov S.V.), **317,** 141
Semiclassical approximation for low-degree stellar p modes – II. Classical ray tracing (Roxburgh I.W., Vorontsov S.V.), **317,** 151
Gravitational lensing effects on high-redshift Type II supernova studies with the *Next Generation Space Telescope* (Marri S., Ferrara A., Pozzetti L.), **317,** 265
Hyperbolic character of the angular moment equations of radiative transfer and numerical methods (Pons J.A., Ibáñez J.M^a, Miralles J.A.), **317,** 550
A stochastic Monte Carlo approach to model real star cluster evolution – II. Self-consistent models and primordial binaries (Giersz M., Spurzem R.), **317,** 581
On the effects of resolution in dissipationless cosmological simulations (Knebe A., Kravtsov A.V., Gottlöber S., Klypin A.A.), **317,** 630
The effect of radiative cooling on the X-ray properties of galaxy clusters (Pearce F.R., Thomas P.A., Couchman H.M.P., Edge A.C.), **317,** 1029
Higher order clustering in the Durham/UKST and Stromlo–APM Galaxy Redshift Surveys (Hoyle F., Szapudi I., Baugh C.M.), **317,** L51
The migration and growth of protoplanets in protostellar discs (Nelson R.P., Papaloizou J.C.B., Masset F., Kley W.), **318,** 18
Energy levels, lifetimes and branch fractions for Fe XI (Fritzsche S., Dong C.Z., Träbert E.), **318,** 263
The three-dimensional breakup of a magnetic layer (Wissink J.G., Hughes D.W., Matthews P.C., Proctor M.R.E.), **318,** 501
Neural networks and the separation of cosmic microwave background and astrophysical signals in sky maps (Baccigalupi C., Bedini L., Burigana C., De Zotti G., Farusi A., Maino D., Maris M., Perrotta F., Salerno E., Toffolatti L., Tonazzini A.), **318,** 769
The luminosity dependence of clustering and higher order correlations in the PSCz survey (Szapudi I., Branchini E., Frenk C.S., Maddox S., Saunders W.), **318,** L45
Clustering of galaxy clusters in cold dark matter universes (Colberg J.M., White S.D.M., Yoshida N., MacFarland T.J., Jenkins A., Frenk C.S., Pearce F.R., Evrard A.E., Couchman H.M.P., Efstathiou G., Peacock J.A., Thomas P.A. (The Virgo Consortium)), **319,** 209
Weak gravitational lensing in different cosmologies, using an algorithm for shear in three dimensions (Barber A.J., Thomas P.A., Couchman H.M.P., Fluke C.J.), **319,** 267
The outbursts of dwarf novae (Truss M.R., Murray J.R., Wynn G.A., Edgar R.G.), **319,** 467
Smoothed Particle Hydrodynamics in cosmology: a comparative study of implementations (Thacker R.J., Tittley E.R., Pearce F.R., Couchman H.M.P., Thomas P.A.), **319,** 619
In-shock cooling in numerical simulations (Hutchings R.M., Thomas P.A.), **319,** 721

Methods: observational
Catalogue of candidate emission-line objects in the Small Magellanic Cloud (Murphy M.T., Bessell M.S.), **311,** 741
The Parkes Multibeam Pulsar Survey: PSR J1811–1736, a pulsar in a highly eccentric binary system (Lyne A.G., Camilo F., Manchester R.N., Bell J.F., Kaspi V.M., D'Amico N., McKay N.P.F., Crawford F., Morris D.J., Sheppard D.C., Stairs I.H.), **312,** 698
The KX method for producing *K*-band flux-limited samples of quasars (Warren S.J., Hewett P.C., Foltz C.B.), **312,** 827
Detection of CO in the inner part of the bulge of M31 (Melchior A.-L., Viallefond F., Guélin M., Neininger N.), **312,** L29
1°- and 2°.5-scale interferometric surveys in the northern sky at 5 GHz (Giardino G., Asareh H., Melhuish S.J., Davies R.D., Davis R.J., Jones A.W.), **313,** 689
A baseband recorder for radio pulsar observations (Stairs I.H., Splaver E.M., Thorsett S.E., Nice D.J., Taylor J.H.), **314,** 459
High time-resolution spectroscopic imaging using intensified CCD detectors (Fordham J.L.A., Kawakami H., Michel R.M., Much R., Robinson J.R.), **319,** 414

Methods: statistical
Phase information and the evolution of cosmological density perturbations (Chiang L.-Y., Coles P.), **311,** 809
The supergalactic plane revisited with the Optical Redshift Survey (Lahav O., Santiago B.X., Webster A.M., Strauss M.A., Davis M., Dressler A., Huchra J.P.), **312,** 166
Topology and geometry of the CfA2 redshift survey (Schmalzing J., Diaferio A.), **312,** 638
Experimental cosmic statistics – I. Variance (Colombi S., Szapudi I., Jenkins A., Colberg J.), **313,** 711
Experimental cosmic statistics – II. Distribution (Szapudi I., Colombi S., Jenkins A., Colberg J.), **313,** 725
Bayesian 'hyper-parameters' approach to joint estimation: the Hubble constant from CMB measurements (Lahav O., Bridle S.L., Hobson M.P., Lasenby A.N., Sodré L., Jr), **315,** L45
The recent star formation history of the *Hipparcos* solar neighbourhood (Hernandez X., Valls-Gabaud D., Gilmore G.), **316,** 605
The analysis of indexed astronomical time series – VI. Covariances of amplitude ratios and phase differences estimated from multicolour photometry of a pulsating star (Koen C.), **316,** 613
A ROBUST method for fitting peculiar velocity field models (Rauzy S., Hendry M.A.), **316,** 621
Non-parametric star formation histories for four dwarf spheroidal galaxies of the Local Group (Hernandez X., Gilmore G., Valls-Gabaud D.), **317,** 831
Massive lossless data compression and multiple parameter estimation from galaxy spectra (Heavens A.F., Jimenez R., Lahav O.), **317,** 965
Higher order clustering in the Durham/UKST and Stromlo–APM Galaxy Redshift Surveys (Hoyle F., Szapudi I., Baugh C.M.), **317,** L51
Hypothesis testing for meagre data sets (Lucy L.B.), **318,** 92
Large-scale cosmic homogeneity from a multifractal analysis of the PSCz catalogue (Pan J., Coles P.), **318,** L51

Site testing
A laser beacon for monitoring the mesospheric sodium layer at La Palma (Michaille L., Cañas A.D., Dainty J.C., Maxwell J., Gregory T., Quartel J.C., Reavell F.C., Wilson R.W., Wooder N.J.), **318,** 139
The artificial night sky brightness mapped from DMSP satellite Operational Linescan System measurements (Cinzano P., Falchi F., Elvidge C.D., Baugh K.E.), **318,** 641

Space vehicles
Space-borne global astrometric surveys: the hunt for extrasolar planets (Lattanzi M.G., Spagna A., Sozzetti A., Casertano S.), **317,** 211

Techniques: image processing
Deconvolution of *ASCA* X-ray data – I. Spectral-imaging method (White D.A., Buote D.A.), **312,** 649
Neural networks and the separation of cosmic microwave background and astrophysical signals in sky maps (Baccigalupi C., Bedini L., Burigana C., De Zotti G., Farusi A., Maino D., Maris M., Perrotta F., Salerno E., Toffolatti L., Tonazzini A.), **318,** 769

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A fluctuation analysis for optical cluster galaxies – I. Theory (Windridge D., Phillipps S.), **319,** 591
Near-infrared adaptive optics imaging of nuclear spiral structure in the Seyfert galaxy NGC 3227 (Chapman S.C., Morris S.L., Walker G.A.H.), **319,** 666
Wide field imaging – I. Applications of neural networks to object detection and star/galaxy classification (Andreon S., Gargiulo G., Longo G., Tagliaferri R., Capuano N.), **319,** 700

Techniques: interferometric
Wavelength dependence of angular diameters of M giants: an observational perspective (Jacob A.P., Bedding T.R., Robertson J.G., Scholz M.), **312,** 733
1°- and 2°.5-scale interferometric surveys in the northern sky at 5 GHz (Giardino G., Asareh H., Melhuish S.J., Davies R.D., Davis R.J., Jones A.W.), **313,** 689
New views of Betelgeuse: multi-wavelength surface imaging and implications for models of hotspot generation (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Lawson P.R., Mackay C.D., Pearson D., Rogers J., St.-Jacques D., Warner P.J., Wilson D.M.A., Wilson R.W.), **315,** 635
An Australia Telescope survey for CMB anisotropies (Subrahmanyan R., Kesteven M.J., Ekers R.D., Sinclair M., Silk J.), **315,** 808
Cyclic variations in the angular diameter of χ Cygni (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Pearson D., Rogers J., St-Jacques D., Warner P.J., Wilson D.M.A.), **318,** 381
Limb-darkening corrections for interferometric uniform disc stellar angular diameters (Davis J., Tango W.J., Booth A.J.), **318,** 387

Techniques: miscellaneous
High time-resolution spectroscopic imaging using intensified CCD detectors (Fordham J.L.A., Kawakami H., Michel R.M., Much R., Robinson J.R.), **319,** 414

Techniques: photometric
Inelastic dissipation in wobbling asteroids and comets (Efroimsky M., Lazarian A.), **311,** 269
Oxygen and helium abundances in Galactic H II regions – I. Observations (Caplan J., Deharveng L., Peña M., Costero R., Blondel C.), **311,** 317
Dynamic-range limitations of intensified CCD photon-counting detectors (Fordham J.L.A., Moorhead C.F., Galbraith R.F.), **312,** 83
The *K*-band luminosity function of nearby field galaxies (Loveday J.), **312,** 557
On the baseline flux determination of microlensing events detectable with the difference image analysis method (Han C.), **312,** 807
Delta Scuti Network observations of XX Pyx: detection of 22 pulsation modes and of short-term amplitude and frequency variations (Handler G. et al.), **318,** 511

Techniques: polarimetric
Studies in mid-infrared spectropolarimetry – II. An atlas of spectra (Smith C.H., Wright C.M., Aitken D.K., Roche P.F., Hough J.H.), **312,** 327
Stokes imaging of the AM Her system ST LMi (Potter S.B.), **314,** 672
Stokes imaging of the accretion region in magnetic cataclysmic variables – II. V347 Pav (Potter S.B., Cropper M., Hakala P.J.), **315,** 423
Hα spectropolarimetry of the Herbig Ae star AB Aurigae (Pontefract M., Drew J.E., Harries T.J., Oudmaijer R.D.), **319,** L19

Techniques: radar astronomy
Inelastic dissipation in wobbling asteroids and comets (Efroimsky M., Lazarian A.), **311,** 269

Techniques: radial velocities
A mystery solved: the mass ratio of the dwarf nova EM Cygni (North R.C., Marsh T.R., Moran C.K.J., Kolb U., Smith R.C., Stehle R.), **313,** 383
Using slitless spectroscopy to study the kinematics of the planetary nebula population in M94 (Douglas N.G., Gerssen J., Kuijken K., Merrifield M.R.), **316,** 795

Techniques: spectroscopic
An experimental investigation of immersed gratings (Lee D., Allington-Smith J.R.), **312,** 57
Theoretical values for the [O III] 5007/4959 line-intensity ratio and homologous cases (Storey P.J., Zeippen C.J.), **312,** 813
Atmospheric transmission at submillimetre wavelengths from Mauna Kea (Naylor D.A., Davis G.R., Gom B.G., Clark T.A., Griffin M.J.), **315,** 622
The massive stellar content of the H II region NGC 604 and its evolutionary state (González Delgado R.M., Pérez E.), **317,** 64
Time-series spectroscopy of the rapidly oscillating Ap star HR 3831 (Baldry I.K., Bedding T.R.), **318,** 341
Accurate laboratory wavelengths of some ultraviolet lines of Cr, Zn and Ni relevant to time variations of the fine structure constant (Pickering J.C., Thorne A.P., Murray J.E., Litzén U., Johansson S., Zilio V., Webb J.K.), **319,** 163

Telescopes
New views of Betelgeuse: multi-wavelength surface imaging and implications for models of hotspot generation (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Lawson P.R., Mackay C.D., Pearson D., Rogers J., St.-Jacques D., Warner P.J., Wilson D.M.A., Wilson R.W.), **315,** 635
Pendular seismometer for correcting telescope vibrations (Tokovinin A.), **316,** 637
New challenges for adaptive optics: extremely large telescopes (Le Louarn M., Hubin N., Sarazin M., Tokovinin A.), **317,** 535
A laser beacon for monitoring the mesospheric sodium layer at La Palma (Michaille L., Cañas A.D., Dainty J.C., Maxwell J., Gregory T., Quartel J.C., Reavell F.C., Wilson R.W., Wooder N.J.), **318,** 139

Astronomical data bases

Catalogues
A far-infrared survey of molecular cloud cores (Jessop N.E., Ward-Thompson D.), **311,** 63
Catalogue of candidate emission-line objects in the Small Magellanic Cloud (Murphy M.T., Bessell M.S.), **311,** 741
A catalogue of helium abundance indicators from globular cluster photometry (Sandquist E.L.), **313,** 571
More redshifts of powerful equatorial radio sources from the Best, Röttgering & Lehnert sample (Best P.N., Röttgering H.J.A., Lehnert M.D.), **315,** 21
Compact radio sources variable at 151 MHz – I. Catalogue of sources (Minns A.R., Riley J.M.), **315,** 839
The PSC$_z$ catalogue (Saunders W., Sutherland W.J., Maddox S.J., Keeble O., Oliver S.J., Rowan-Robinson M., McMahon R.G., Efstathiou G.P., Tadros H., White S.D.M., Frenk C.S., Carramiñana A., Hawkins M.R.S.), **317,** 55
Mira kinematics from *Hipparcos* data: a Galactic bar to beyond the Solar circle (Feast M.W., Whitelock P.A.), **317,** 460
A survey of hard spectrum *ROSAT* sources – I. X-ray source catalogue (Page M.J., Mittaz J.P.D., Carrera F.J.), **318,** 1073
Wide field imaging – I. Applications of neural networks to object detection and star/galaxy classification (Andreon S., Gargiulo G., Longo G., Tagliaferri R., Capuano N.), **319,** 700
Determination of optical positions for 23 extragalactic radio sources (Tang Z.H., Wang S.H., Jin W.J.), **319,** 717

Surveys
A far-infrared survey of molecular cloud cores (Jessop N.E., Ward-Thompson D.), **311,** 63
Generalized cumulant correlators and hierarchical clustering (Munshi D., Melott A.L., Coles P.), **311,** 149
The *ROSAT* International X-ray/Optical Survey (RIXOS): source catalogue (Mason K.O. et al.), **311,** 456

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Herbig–Haro flows near compact reflection nebulae (Aspin C., Reipurth B.), **311,** 522
The origin of wide-angle tailed radio galaxies (Sakelliou I., Merrifield M.R.), **311,** 649
Far-infrared-loud quasars – I. Disturbed and quiescent quasars in the PG survey (Clements D.L.), **311,** 833
An ultraviolet-selected galaxy redshift survey – II. The physical nature of star formation in an enlarged sample (Sullivan M., Treyer M.A., Ellis R.S., Bridges T.J., Milliard B., Donas J.), **312,** 442
The *K*-band luminosity function of nearby field galaxies (Loveday J.), **312,** 557
A six-square-degree survey for Pleiades low-mass stars and brown dwarfs (Pinfield D.J., Hodgkin S.T., Jameson R.F., Cossburn M.R., Hambly N.C., Devereux N.), **313,** 347
Detection of the first X-ray selected large AGN group (Tesch F., Engels D.), **313,** 377
1°- and 2°.5-scale interferometric surveys in the northern sky at 5 GHz (Giardino G., Asareh H., Melhuish S.J., Davies R.D., Davis R.J., Jones A.W.), **313,** 689
The APM Survey for cool carbon stars in the Galactic halo – II. The search for dwarf carbon stars (Totten E.J., Irwin M.J., Whitelock P.A.), **314,** 630
The WARPS survey – IV. The X-ray luminosity–temperature relation of high-redshift galaxy clusters (Fairley B.W., Jones L.R., Scharf C., Ebeling H., Perlman E., Horner D., Wegner G., Malkan M.), **315,** 669
Superlarge-scale structure in the Durham/UKST Galaxy Redshift Survey (Doroshkevich A.G., Fong R., McCracken H.J., Ratcliffe A., Shanks T., Turchaninov V.I.), **315,** 767
X-ray spectra of a large sample of quasars with *ASCA* (Reeves J.N., Turner M.J.L.), **316,** 234
The European Large Area *ISO* Survey – I. Goals, definition and observations (Oliver S. et al.), **316,** 749
The European Large Area *ISO* Survey – II. Mid-infrared extragalactic source counts (Serjeant S. et al.), **316,** 768
The PSC*z* catalogue (Saunders W., Sutherland W.J., Maddox S.J., Keeble O., Oliver S.J., Rowan-Robinson M., McMahon R.G., Efstathiou G.P., Tadros H., White S.D.M., Frenk C.S., Carramiñana A., Hawkins M.R.S.), **317,** 55
Detection of new sources of methanol emission at 95 GHz with the Mopra telescope (Val'tts I.E., Ellingsen S.P., Slysh V.I., Kalenskii S.V., Otrupcek R., Larionov G.M.), **317,** 315
The 2dF QSO Redshift Survey – I. The optical luminosity function of quasi-stellar objects (Boyle B.J., Shanks T., Croom S.M., Smith R.J., Miller L., Loaring N., Heymans C.), **317,** 1014
Hubble Space Telescope imaging survey of sub-mJy star-forming galaxies – I. Morphologies at $z \sim 0.2$ (Serjeant S., Mobasher B., Gruppioni C., Oliver S.), **317,** L29
The *ROSAT* Brightest Cluster Sample – IV. The extended sample (Ebeling H., Edge A.C., Allen S.W., Crawford C.S., Fabian A.C., Huchra J.P.), **318,** 333
A high-resolution radio survey of Class I protostars (Lucas P.W., Blundell K.M., Roche P.F.), **318,** 526
The angular correlation function of the *ROSAT* All-Sky Survey Bright Source Catalogue (Akylas A., Georgantopoulos I., Plionis M.), **318,** 1036
A survey of hard spectrum *ROSAT* sources – I. X-ray source catalogue (Page M.J., Mittaz J.P.D., Carrera F.J.), **318,** 1073
Redshift distribution of Lyα lines and metal systems (Demiański M., Doroshkevich A.G., Turchaninov V.), **318,** 1177
Properties of the observed Lyα forest (Demiański M., Doroshkevich A.G., Turchaninov V.), **318,** 1189
X-ray source populations in the region of the open clusters NGC 6633 and IC 4756 (Briggs K.R., Pye J.P., Jeffries R.D., Totten E.J.), **319,** 826
Using galaxy redshift surveys to detect gravitationally lensed quasars (Mortlock D.J., Webster R.L.), **319,** 879
The *ROSAT*–ESO Flux-Limited X-ray (REFLEX) galaxy cluster survey – II. The spatial correlation function (Collins C.A., Guzzo L., Böhringer H., Schuecker P., Chincarini G., Cruddace R., De Grandi S., MacGillivray H.T., Neumann D.M., Schindler S., Shaver P., Voges W.), **319,** 939
The European Large Area *ISO* Survey – III. 90-μm extragalactic source counts (Efstathiou A., Oliver S., Rowan-Robinson M., Surace C., Sumner T., Héraudeau P., Linden-Vørnle M.J.D., Rigopoulou D., Serjeant S., Mann R.G., Cesarsky C.J., Danese L., Franceschini A., Genzel R., Lawrence A., Lemke D., McMahon R.G., Miley G., Puget J.-L., Rocca-Volmerange B.), **319,** 1169

Astrometry and celestial mechanics

Astrometry

Catalogue of candidate emission-line objects in the Small Magellanic Cloud (Murphy M.T., Bessell M.S.), **311,** 741
OB association members in the ACT and TRC catalogues (Hoogerwerf R.), **313,** 43
The APM Survey for cool carbon stars in the Galactic halo – II. The search for dwarf carbon stars (Totten E.J., Irwin M.J., Whitelock P.A.), **314,** 630
Space-borne global astrometric surveys: the hunt for extrasolar planets (Lattanzi M.G., Spagna A., Sozzetti A., Casertano S.), **317,** 211
Simultaneous radio and X-ray observations of Galactic Centre low-mass X-ray binaries (Berendsen S.G.H., Fender R., Kuulkers E., Heise J., van der Klis M.), **318,** 599
Mapping the substructure in the Galactic halo with the next generation of astrometric satellites (Helmi A., de Zeeuw P.T.), **319,** 657
Determination of optical positions for 23 extragalactic radio sources (Tang Z.H., Wang S.H., Jin W.J.), **319,** 717

Celestial mechanics, stellar dynamics

Carter separable electromagnetic fields (Lynden-Bell D.), **312,** 301
Orbits supporting bars within bars (Maciejewski W., Sparke L.S.), **313,** 745
The young long-period comet family of Saturn (Drobyshevski E.M.), **315,** 517
The velocity distributions of periodic comets and stream meteoroids (Hughes D.W., Williams I.P.), **315,** 629
On the orbital evolution and growth of protoplanets embedded in a gaseous disc (Papaloizou J.C.B., Larwood J.D.), **315,** 823
Perturbative solution of the motion of an asteroid in resonance with Jupiter (Vrbik J.), **316,** 459
Analytical solutions for the Newtonian gravitational field induced by matter within axisymmetric boundaries (Conway J.T.), **316,** 540
Evolution of multimass globular clusters in the Galactic tidal field with the effects of velocity anisotropy (Takahashi K., Lee H.M.), **316,** 671
Partial averaging near a resonance in planetary dynamics (Haghighipour N.), **316,** 845
The mass of the Andromeda galaxy (Evans N.W., Wilkinson M.I.), **316,** 929
Fluctuations in isothermal spheres (Katz J., Okamoto I.), **317,** 163
Stellar dynamics in the Galactic Centre: proper motions and anisotropy (Genzel R., Pichon C., Eckart A., Gerhard O.E., Ott T.), **317,** 348
Studies of multiple stellar systems – III. Modulation of orbital elements in the triple-lined system HD 109648 (Jha S., Torres G., Stefanik R.P., Latham D.W., Mazeh T.), **317,** 375
A stochastic Monte Carlo approach to model real star cluster evolution – II. Self-consistent models and primordial binaries (Giersz M., Spurzem R.), **317,** 581
The effect on the Edgeworth–Kuiper Belt of a large distant tenth planet (Collander-Brown S., Maran M., Williams I.P.), **318,** 101
The evolution of bodies orbiting in the trans-Neptunian region on to intermediate-type orbits (Maran M.D., Williams I.P.), **318,** 482
The time-scale of escape from star clusters (Fukushige T., Heggie D.C.), **318,** 753
Probing a regular orbit with spectral dynamics (Copin Y., Zhao H.S., de Zeeuw P.T.), **318,** 781
Evolution of globular cluster systems in elliptical galaxies – I. Log-normal initial mass function (Vesperini E.), **318,** 841
Triaxial haloes and particle dark matter detection (Evans N.W., Carollo C.M., de Zeeuw P.T.), **318,** 1131

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A new outcome of binary–binary scattering (Heggie D.C.), **318,** L61
Flattened Jaffe models for galaxies (Zhenglu J.), **319,** 1067

Occultations
Angular diameter and effective temperature of a sample of 15 M giants at 2.2 μm from lunar occultation observations (Tej A., Chandrasekhar T.), **317,** 687

Reference systems
Determination of optical positions for 23 extragalactic radio sources (Tang Z.H., Wang S.H., Jin W.J.), **319,** 717

The Sun

Abundances
Broadening of lines of Be II, Sr II and Ba II by collisions with hydrogen atoms and the solar abundance of strontium (Barklem P.S., O'Mara B.J.), **311,** 535
New *f*-values in neutral lead obtained by time-resolved laser spectroscopy, and astrophysical applications (Biémont E., Garnir H.P., Palmeri P., Li Z.S., Svanberg S.), **312,** 116
Seismology of the solar envelope: sound-speed gradient in the convection zone and its diagnosis of the equation of state (Baturin V.A., Däppen W., Gough D.O., Vorontsov S.V.), **316,** 71

Activity
Variations in the excitation and damping of low-ℓ solar p modes over the solar activity cycle (Chaplin W.J., Elsworth Y., Isaak G.R., Miller B.A., New R.), **313,** 32
Distribution of magnetic flux on the solar surface and low-degree p-modes (Moreno-Insertis F., Solanki S.K.), **313,** 411
Calculations and physical properties of the D3 emission lines of a prominence (Li K., Gu X., Chen X.), **313,** 761
Source of excitation of low-ℓ solar p modes: characteristics and solar-cycle variations (Chaplin W.J., Appourchaux T., Elsworth Y., Isaak G.R., Miller B.A., New R.), **314,** 75
Si X emission lines in spectra obtained with the *Solar EUV Rocket Telescope and Spectrograph* (*SERTS*) (Keenan F.P., O'Shea E., Thomas R.J., Brosius J.W., Katsiyannis A., Ryans R.S.I., Reid R.H.G., Pradhan A.K., Zhang H.L.), **315,** 450
Towards a model for the solar dynamo (Moss D., Brooke J.), **315,** 521
A two-dimensional asymptotic solution for a dynamo wave in the light of the solar internal rotation (Belvedere G., Kuzanyan K.M., Sokoloff D.), **315,** 778
Sunspot groups at high latitude (Li K., Gu X., Xiang F., Liu X., Chen X.), **317,** 897

Corona
Bulk flow velocities in the solar corona (Lewis D.J., Simnett G.M.), **317,** 1005
Coronal activity from dynamos in astrophysical rotators (Blackman E.G., Field G.B.), **318,** 724

Evolution
Sunspot groups at high latitude (Li K., Gu X., Xiang F., Liu X., Chen X.), **317,** 897

Flares
Electron–cyclotron maser observable modes (Stupp A.), **311,** 251
Si X emission lines in spectra obtained with the *Solar EUV Rocket Telescope and Spectrograph* (*SERTS*) (Keenan F.P., O'Shea E., Thomas R.J., Brosius J.W., Katsiyannis A., Ryans R.S.I., Reid R.H.G., Pradhan A.K., Zhang H.L.), **315,** 450
Energetic particle acceleration in a three-dimensional magnetic field reconnection model: the role of magnetohydrodynamic turbulence (Kobak T., Ostrowski M.), **317,** 973
Extreme ultraviolet emission lines of Ni XII in laboratory and solar spectra (Keenan F.P., Botha G.J.J., Matthews A., Lawson K.D., Coffey I.H.), **318,** 37

Fundamental parameters
On the accuracy of the measurements of low-ℓ solar acoustic oscillations (Gavryusev V.G., Gavryuseva E.A.), **317,** 569

General
Time of explosive decay of a daemon-containing nucleus (Drobyshevski E.M.), **311,** L1

Granulation
Source of excitation of low-ℓ solar p modes: characteristics and solar-cycle variations (Chaplin W.J., Appourchaux T., Elsworth Y., Isaak G.R., Miller B.A., New R.), **314,** 75
Turbulent eddy viscosity and large-scale convection in the Sun (Stothers R.B.), **314,** L7

Interior
Non-linear inversion for the hydrostatic structure of the solar interior (Marchenkov K., Roxburgh I., Vorontsov S.), **312,** 39
Development of structure in pores and sunspots: flows around axisymmetric magnetic flux tubes (Hurlburt N.E., Rucklidge A.M.), **314,** 793
Turbulent eddy viscosity and large-scale convection in the Sun (Stothers R.B.), **314,** L7
A two-dimensional asymptotic solution for a dynamo wave in the light of the solar internal rotation (Belvedere G., Kuzanyan K.M., Sokoloff D.), **315,** 778
Effect of Coulomb collisions on time variations of the solar neutrino flux (Malyshkin L., Kulsrud R.), **316,** 249

Magnetic fields
Distribution of magnetic flux on the solar surface and low-degree p-modes (Moreno-Insertis F., Solanki S.K.), **313,** 411
Development of structure in pores and sunspots: flows around axisymmetric magnetic flux tubes (Hurlburt N.E., Rucklidge A.M.), **314,** 793
A mean electromotive force induced by magnetic buoyancy instabilities (Thelen J.-C.), **315,** 155
Non-linear $\alpha\omega$-dynamos driven by magnetic buoyancy (Thelen J.-C.), **315,** 165
Towards a model for the solar dynamo (Moss D., Brooke J.), **315,** 521
A two-dimensional asymptotic solution for a dynamo wave in the light of the solar internal rotation (Belvedere G., Kuzanyan K.M., Sokoloff D.), **315,** 778
The three-dimensional breakup of a magnetic layer (Wissink J.G., Hughes D.W., Matthews P.C., Proctor M.R.E.), **318,** 501

Oscillations
Non-linear inversion for the hydrostatic structure of the solar interior (Marchenkov K., Roxburgh I., Vorontsov S.), **312,** 39
Probing solar convection (Brüggen M.), **312,** 887
Variations in the excitation and damping of low-ℓ solar p modes over the solar activity cycle (Chaplin W.J., Elsworth Y., Isaak G.R., Miller B.A., New R.), **313,** 32
Distribution of magnetic flux on the solar surface and low-degree p-modes (Moreno-Insertis F., Solanki S.K.), **313,** 411
Source of excitation of low-ℓ solar p modes: characteristics and solar-cycle variations (Chaplin W.J., Appourchaux T., Elsworth Y., Isaak G.R., Miller B.A., New R.), **314,** 75
Seismology of the solar envelope: sound-speed gradient in the convection zone and its diagnosis of the equation of state (Baturin V.A., Däppen W., Gough D.O., Vorontsov S.V.), **316,** 71
On the accuracy of the measurements of low-ℓ solar acoustic oscillations (Gavryusev V.G., Gavryuseva E.A.), **317,** 569
On measuring low-degree p-mode frequency splitting with full-disc integrated data (Appourchaux T., Chang H.-Y., Gough D.O., Sekii T.), **319,** 365
Turbulent convection and pulsational stability of variable stars: non-adiabatic oscillations of the solar p-modes (Xiong D.R., Cheng Q.L., Deng L.), **319,** 1079

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Particle emission
Effect of Coulomb collisions on time variations of the solar neutrino flux (Malyshkin L., Kulsrud R.), **316,** 249

Photosphere
New *f*-values in neutral lead obtained by time-resolved laser spectroscopy, and astrophysical applications (Biémont E., Garnir H.P., Palmeri P., Li Z.S., Svanberg S.), **312,** 116

Prominences
Calculations and physical properties of the D3 emission lines of a prominence (Li K., Gu X., Chen X.), **313,** 761

Radio radiation
Electron–cyclotron maser observable modes (Stupp A.), **311,** 251

Rotation
A two-dimensional asymptotic solution for a dynamo wave in the light of the solar internal rotation (Belvedere G., Kuzanyan K.M., Sokoloff D.), **315,** 778

Solar–terrestrial relations
Bulk flow velocities in the solar corona (Lewis D.J., Simnett G.M.), **317,** 1005

Solar wind
Bulk flow velocities in the solar corona (Lewis D.J., Simnett G.M.), **317,** 1005
A disc-wind model with correct crossing of all magnetohydrodynamic critical surfaces (Vlahakis N., Tsinganos K., Sauty C., Trussoni E.), **318,** 417

Sunspots
Development of structure in pores and sunspots: flows around axisymmetric magnetic flux tubes (Hurlburt N.E., Rucklidge A.M.), **314,** 793
A mean electromotive force induced by magnetic buoyancy instabilities (Thelen J.-C.), **315,** 155
Non-linear $\alpha\omega$-dynamos driven by magnetic buoyancy (Thelen J.-C.), **315,** 165
A two-dimensional asymptotic solution for a dynamo wave in the light of the solar internal rotation (Belvedere G., Kuzanyan K.M., Sokoloff D.), **315,** 778
Sunspot groups at high latitude (Li K., Gu X., Xiang F., Liu X., Chen X.), **317,** 897
The three-dimensional breakup of a magnetic layer (Wissink J.G., Hughes D.W., Matthews P.C., Proctor M.R.E.), **318,** 501

UV radiation
Energy levels, lifetimes and branch fractions for Fe XI (Fritzsche S., Dong C.Z., Träbert E.), **318,** 263

Solar system

Comets: general
Inelastic dissipation in wobbling asteroids and comets (Efroimsky M., Lazarian A.), **311,** 269
The young long-period comet family of Saturn (Drobyshevski E.M.), **315,** 517
The velocity distributions of periodic comets and stream meteoroids (Hughes D.W., Williams I.P.), **315,** 629
A model of the macro-features of the surface layer of a cometary nucleus (Hughes D.W.), **316,** 642

Comets: individual: Tempel–Tuttle
The 1999 Leonid meteor storm: verification of rapid activity variations by observations at three sites (Singer W., Molau S., Rendtel J., Asher D.J., Mitchell N.J., von Zahn U.), **318,** L25
Testing cometary ejection models to fit the 1999 Leonids and to predict future showers (Göckel C., Jehn R.), **317,** L1
Detailed visual observations and modelling of the 1998 Leonid shower (Brown P., Arlt R.), **319,** 419

Comets: individual: 55P/Tempel–Tuttle
Testing cometary ejection models to fit the 1999 Leonids and to predict future showers (Göckel C., Jehn R.), **317,** L1
Detailed visual observations and modelling of the 1998 Leonid shower (Brown P., Arlt R.), **319,** 419

Earth
A new approach to the calculation of the cratering rate of the Earth over the last 125 ± 20 Myr (Hughes D.W.), **317,** 429
Asteroids in the inner Solar system – I. Existence (Tabachnik S.A., Evans N.W.), **319,** 63
Asteroids in the inner Solar system – II. Observable properties (Evans N.W., Tabachnik S.A.), **319,** 80

Interplanetary medium
Partial averaging near a resonance in planetary dynamics (Haghighipour N.), **316,** 845

Meteors, meteoroids
New *f*-values in neutral lead obtained by time-resolved laser spectroscopy, and astrophysical applications (Biémont E., Garnir H.P., Palmeri P., Li Z.S., Svanberg S.), **312,** 116
Evidence for transverse spread in Leonid meteors (LeBlanc A.G., Murray I.S., Hawkes R.L., Worden P., Campbell M.D., Brown P., Jenniskens P., Correll R.R., Montague T., Babcock D.D.), **313,** L9
The velocity distributions of periodic comets and stream meteoroids (Hughes D.W., Williams I.P.), **315,** 629
Testing cometary ejection models to fit the 1999 Leonids and to predict future showers (Göckel C., Jehn R.), **317,** L1
The 1999 Leonid meteor storm: verification of rapid activity variations by observations at three sites (Singer W., Molau S., Rendtel J., Asher D.J., Mitchell N.J., von Zahn U.), **318,** L25
Detailed visual observations and modelling of the 1998 Leonid shower (Brown P., Arlt R.), **319,** 419

Minor planets, asteroids
Inelastic dissipation in wobbling asteroids and comets (Efroimsky M., Lazarian A.), **311,** 269
Perturbative solution of the motion of an asteroid in resonance with Jupiter (Vrbik J.), **316,** 459
The effect on the Edgeworth–Kuiper Belt of a large distant tenth planet (Collander-Brown S., Maran M., Williams I.P.), **318,** 101
The evolution of bodies orbiting in the trans-Neptunian region on to intermediate-type orbits (Maran M.D., Williams I.P.), **318,** 482
Asteroids in the inner Solar system – I. Existence (Tabachnik S.A., Evans N.W.), **319,** 63
Asteroids in the inner Solar system – II. Observable properties (Evans N.W., Tabachnik S.A.), **319,** 80

Planets and satellites: general
On the migration of a system of protoplanets (Kley W.), **313,** L47
Partial averaging near a resonance in planetary dynamics (Haghighipour N.), **316,** 845
The host stars of extrasolar planets have normal lithium abundances (Ryan S.G.), **316,** L35
The migration and growth of protoplanets in protostellar discs (Nelson R.P., Papaloizou J.C.B., Masset F., Kley W.), **318,** 18
The evolution of bodies orbiting in the trans-Neptunian region on to intermediate-type orbits (Maran M.D., Williams I.P.), **318,** 482

Planets and satellites: individual: Mercury
Asteroids in the inner Solar system – I. Existence (Tabachnik S.A., Evans N.W.), **319,** 63
Asteroids in the inner Solar system – II. Observable properties (Evans N.W., Tabachnik S.A.), **319,** 80

Planets and satellites: individual: Venus
Asteroids in the inner Solar system – I. Existence (Tabachnik S.A., Evans N.W.), **319,** 63
Asteroids in the inner Solar system – II. Observable properties (Evans N.W., Tabachnik S.A.), **319,** 80

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Planets and satellites: individual: Mars
Asteroids in the inner Solar system – I. Existence (Tabachnik S.A., Evans N.W.), **319,** 63
Asteroids in the inner Solar system – II. Observable properties (Evans N.W., Tabachnik S.A.), **319,** 80

Planets and satellites: individual: Saturn
The young long-period comet family of Saturn (Drobyshevski E.M.), **315,** 517

Planets and satellites: individual: Titan
The young long-period comet family of Saturn (Drobyshevski E.M.), **315,** 517

Solar system: formation
No molecular gas around nearby solar-type stars (Greaves J.S., Coulson I.M., Holland W.S.), **312,** L1
On the orbital evolution and growth of protoplanets embedded in a gaseous disc (Papaloizou J.C.B., Larwood J.D.), **315,** 823
The host stars of extrasolar planets have normal lithium abundances (Ryan S.G.), **316,** L35
The migration and growth of protoplanets in protostellar discs (Nelson R.P., Papaloizou J.C.B., Masset F., Kley W.), **318,** 18

Solar system: general
Testing cometary ejection models to fit the 1999 Leonids and to predict future showers (Göckel C., Jehn R.), **317,** L1
The effect on the Edgeworth–Kuiper Belt of a large distant tenth planet (Collander-Brown S., Maran M., Williams I.P.), **318,** 101
Asteroids in the inner Solar system – I. Existence (Tabachnik S.A., Evans N.W.), **319,** 63
Asteroids in the inner Solar system – II. Observable properties (Evans N.W., Tabachnik S.A.), **319,** 80

Stars

Abundances
The carbon Cepheid RT Trianguli Australis: additional evidence of triple-α and CNO cycling (Wallerstein G., Matt S., Gonzalez G.), **311,** 414
Chemical composition of eclipsing binaries: a new approach to the helium-to-metal enrichment ratio (Ribas I., Jordi C., Torra J., Giménez Á.), **313,** 99
A catalogue of helium abundance indicators from globular cluster photometry (Sandquist E.L.), **313,** 571
The discovery of photospheric nickel in the hot DO white dwarf REJ 0503–289 (Barstow M.A., Dreizler S., Holberg J.B., Finley D.S., Werner K., Hubeny I., Sion E.M.), **314,** 109
High-resolution optical spectroscopy of the sharp-lined B-type star HD 83206 (Lehner N., Dufton P.L., Lambert D.L., Ryans R.S.I., Keenan F.P.), **314,** 199
Quantitative analysis of WC stars: constraints on neon abundances from *ISO*-SWS spectroscopy (Dessart L., Crowther P.A., Hillier D.J., Willis A.J., Morris P.W., van der Hucht K.A.), **315,** 407
Surface abundances of light elements for a large sample of early B-type stars – I. Spectral observations of 123 stars; measurements of hydrogen and helium lines; infrared photometry (Lyubimkov L.S., Lambert D.L., Rachkovskaya T.M., Rostopchin S.I., Tarasov A.E., Poklad D.B., Larionov V.M., Larionova L.V.), **316,** 19
Lithium depletion in G and K dwarfs (Umezu M., Saio H.), **316,** 307
On a physical mechanism for extra mixing in globular cluster red giants (Denissenkov P.A., Tout C.A.), **316,** 395
Elemental abundance analyses with DAO spectrograms – XXIII. The superficially normal stars 28 And (A7 III) and 99 Her (F7 V) (Adelman S.J., Caliskan H., Kocer D., Cay I.H., Tektunali H.G.), **316,** 514
The host stars of extrasolar planets have normal lithium abundances (Ryan S.G.), **316,** L35
Abundances in Przybylski's star (Cowley C.R., Ryabchikova T., Kupka F., Bord D.J., Mathys G., Bidelman W.P.), **317,** 299
Exospheric models for the X-ray emission from single Wolf–Rayet stars (Ignace R., Oskinova L.M., Foullon C.), **318,** 214
Neon abundances in normal late-B and mercury–manganese stars (Dworetsky M.M., Budaj J.), **318,** 1264
The mass dependence of the overshooting parameter determined from eclipsing binary data (Ribas I., Jordi C., Giménez Á.), **318,** L55
Behaviour of radiative accelerations in stars (Alecian G., LeBlanc F.), **319,** 677

Activity
Doppler images from dual-site observations of southern rapidly rotating stars – I. Differential rotation on PZ Tel (Barnes J.R., Collier Cameron A., James D.J., Donati J.-F.), **314,** 162
Dynamo action and the period gap in cataclysmic variables (Lanza A.F., Rodonò M., Rosner R.), **314,** 398
Photometric modelling of starspots – II. The FORTRAN code SPOTPIC (Amado P.J., Doyle J.G., Byrne P.B.), **314,** 489
Chromospheric activity in the late A- and early F-type stars of open clusters – II. Pleiades and Alpha Persei (Rachford B.L.), **315,** 24
The southern active-chromosphere star HD 6628 (Watson L.C., Hearnshaw J.B., Pollard K.R., Kilmartin P.M., Gilmore A.C.), **315,** 69
A model of slingshot prominences in rapidly rotating stars (Ferreira J.M.), **316,** 647
Detection of stellar spots from the observations of caustic-crossing binary-lens gravitational microlensing events (Han C., Park S.-H., Kim H.-I., Chang K.), **316,** 665
Surface differential rotation and prominences of the Lupus post T Tauri star RX J1508.6–4423 (Donati J.-F., Mengel M., Carter B.D., Marsden S., Collier Cameron A., Wichmann R.), **316,** 699
Rotation and activity in the solar-type stars of NGC 2547 (Jeffries R.D., Totten E.J., James D.J.), **316,** 950
A photometric study of the contact binaries V523 Cas and TY UMa (Lister T.A., McDermid R.M., Hilditch R.W.), **317,** 111
The role of non-thermal electrons in the optical continuum of stellar flares (Ding M.D., Fang C.), **317,** 867
Comparisons of images derived from independent Zeeman Doppler imaging codes (Hussain G.A.J., Donati J.-F., Collier Cameron A., Barnes J.R.), **318,** 961
X-ray emission from nearby M-dwarfs: the super-saturation phenomenon (James D.J., Jardine M.M., Jeffries R.D., Randich S., Collier Cameron A., Ferreira M.), **318,** 1217
Simultaneous *ROSAT* XRT and WFC observations of a sample of active dwarf stars (Tsikoudi V., Kellett B.J., Schmitt J.H.M.M.), **319,** 1136
ROSAT All-Sky Survey X-ray and EUV observations of YY Gem and AU Mic (Tsikoudi V., Kellett B.J.), **319,** 1147

AGB and post-AGB
Ultra-high-resolution observations of circumstellar K I and C_2 around the post-AGB star HD 56126 (Crawford I.A., Barlow M.J.), **311,** 370
Dust formation and inhomogeneous mass-loss from asymptotic giant branch stars (Soker N.), **312,** 217
The triple-shell structure and collimated outflows of the planetary nebula NGC 6891 (Guerrero M.A., Miranda L.F., Manchado A., Vázquez R.), **313,** 1
The variability of Magellanic cluster infrared stars (Nishida S., Tanabé T., Nakada Y., Matsumoto S., Sekiguchi K., Glass I.S.), **313,** 136
The continuing saga of Sakurai's object (V4334 Sgr): dust production and helium line emission (Tyne V.H., Eyres S.P.S., Geballe T.R., Evans A., Smalley B., Duerbeck H.W., Asplund M.), **315,** 595
Optical properties of the carbon dust grains in the envelopes around asymptotic giant branch stars (Suh K.-W.), **315,** 740
The eccentricities of the barium stars (Karakas A.I., Tout C.A., Lattanzio J.C.), **316,** 689
Modelling near-IR spectra and mid-IR dust emission of Mira variables at different phases (Lobel A., Bagnulo S., Doyle J.G., Power C.), **317,** 391
Sputtering in the outflows of cool stars (Covatto C., Aannestad P.A.), **318,** 67

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Cyclic variations in the angular diameter of χ Cygni (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Pearson D., Rogers J., St-Jacques D., Warner P.J., Wilson D.M.A.), **318,** 381
Asymmetry and inhomogeneity in proto- and young planetary nebulae (Soker N.), **318,** 1017
Infrared colours for Mira-like long-period variables found in the *Hipparcos* Catalogue (Whitelock P., Marang F., Feast M.), **319,** 728
Hipparcos parallaxes for Mira-like long-period variables (Whitelock P., Feast M.), **319,** 759

Atmospheres
Spectropolarimetric measurements of magnetic Ap and Bp stars in all four Stokes parameters (Wade G.A., Donati J.-F., Landstreet J.D., Shorlin S.L.S.), **313,** 823
The discovery of photospheric nickel in the hot DO white dwarf REJ 0503–289 (Barstow M.A., Dreizler S., Holberg J.B., Finley D.S., Werner K., Hubeny I., Sion E.M.), **314,** 109
High-resolution optical spectroscopy of the sharp-lined B-type star HD 83206 (Lehner N., Dufton P.L., Lambert D.L., Ryans R.S.I., Keenan F.P.), **314,** 199
A photometric and spectroscopic study of the brightest northern Cepheids – III. A high-resolution view of Cepheid atmospheres (Kiss L.L., Vinkó J.), **314,** 420
Surface abundances of light elements for a large sample of early B-type stars – I. Spectral observations of 123 stars; measurements of hydrogen and helium lines; infrared photometry (Lyubimkov L.S., Lambert D.L., Rachkovskaya T.M., Rostopchin S.I., Tarasov A.E., Poklad D.B., Larionov V.M., Larionova L.V.), **316,** 19
A photometric study of the contact binaries V523 Cas and TY UMa (Lister T.A., McDermid R.M., Hilditch R.W.), **317,** 111
The role of non-thermal electrons in the optical continuum of stellar flares (Ding M.D., Fang C.), **317,** 867
Limb-darkening corrections for interferometric uniform disc stellar angular diameters (Davis J., Tango W.J., Booth A.J.), **318,** 387
SiC_2 in carbon stars: Merrill–Sanford absorption bands between 4100 and 5500 Å (Sarre P.J., Hurst M.E., Lloyd Evans T.), **319,** 103
Mode identification using equivalent width variation of Balmer lines (Balona L.A.), **319,** 606

Binaries: close
The timing properties of Sco X-1 along its Z track with *EXOSAT* (Dieters S.W., van der Klis M.), **311,** 201
X-ray/optical bursts from GS 1826–24 (Kong A.K.H., Homer L., Kuulkers E., Charles P.A., Smale A.P.), **311,** 405
The distribution of X-ray dips with orbital phase in Cygnus X-1 (Bałucińska-Church M., Church M.J., Charles P.A., Nagase F., LaSala J., Barnard R.), **311,** 861
Orbital periods of the binary sdB stars PG 0940 + 068 and PG 1247 + 554 (Maxted P.F.L., Moran C.K.J., Marsh T.R., Gatti A.A.), **311,** 877
Observations of the post-common-envelope binaries EG UMa and PG 1026 + 002 (Bleach J.N., Wood J.H., Catalán M.S., Welsh W.F., Robinson E.L., Skidmore W.), **312,** 70
Spectroscopy and orbital periods of the old novae V533 Herculis, V446 Herculis and X Serpentis (Thorstensen J.R., Taylor C.J.), **312,** 629
The very flat radio–millimetre spectrum of Cygnus X-1 (Fender R.P., Pooley G.G., Durouchoux P., Tilanus R.P.J., Brocksopp C.), **312,** 853
Black hole transients and the Eddington limit (King A.R.), **312,** L39
The 'off' state of GX 339–4 (Kong A.K.H., Kuulkers E., Charles P.A., Homer L.), **312,** L49
Discovery of a red- and blueshifted iron disc line in the Galactic jet source GRO J1655–40 (Bałucińska-Church M., Church M.J.), **312,** L55
Outbursts of EX Hydrae: mass-transfer events or disc instabilities? (Hellier C., Kemp J., Naylor T., Bateson F.M., Jones A., Overbeek D., Stubbings R., Mukai K.), **313,** 703
UV spectroscopy of the peculiar binary V Sagittae in a low state (Wood J.H., Lockley J.J.), **313,** 789
The SMC X-ray transient XTE J0111.2–7317: a Be/X-ray binary in a supernova remnant? (Coe M.J., Haigh N.J., Reig P.), **314,** 290
The triple degenerate star WD 1704 + 481 (Maxted P.F.L., Marsh T.R., Moran C.K.J., Han Z.), **314,** 334
Stokes imaging of the AM Her system ST LMi (Potter S.B.), **314,** 672
Spatially resolved spectra of the accretion disc of the nova-like variable UU Aquarii (Baptista R., Silveira C., Steiner J.E., Horne K.), **314,** 713
Eclipse maps of spiral shocks in the accretion disc of IP Pegasi in outburst (Baptista R., Harlaftis E.T., Steeghs D.), **314,** 727
Optical, X-ray and radio observations of HD 61396: a probable new RS CVn-type binary (Padmakar, Singh K.P., Drake S.A., Pandey S.K.), **314,** 733
Irradiation of the secondary star in X-ray Nova Scorpii 1994 (= GRO J1655–40) (Shahbaz T., Groot P., Phillips S.N., Casares J., Charles P.A., van Paradijs J.), **314,** 747
Infrared spectroscopy of cataclysmic variables – III. Dwarf novae below the period gap and nova-like variables (Dhillon V.S., Littlefair S.P., Howell S.B., Ciardi D.R., Harrop-Allin M.K., Marsh T.R.), **314,** 826
The precession of eccentric discs in close binaries (Murray J.R.), **314,** L1
The multi-temperature X-ray spectrum of the intermediate polar V1223 Sagittarii (Beardmore A.P., Osborne J.P., Hellier C.), **315,** 307
Stokes imaging of the accretion region in magnetic cataclysmic variables – II. V347 Pav (Potter S.B., Cropper M., Hakala P.J.), **315,** 423
W Crv: the shortest-period Algol with non-degenerate components? (Rucinski S.M., Lu W.), **315,** 587
Eccentric discs in binaries with intermediate mass ratios: superhumps in the VY Sculptoris stars (Murray J.R., Warner B., Wickramasinghe D.T.), **315,** 707
The population of faint transients in the Galactic Centre (King A.R.), **315,** L33
The infrared counterpart of the Z source GX 5–1 (Jonker P.G., Fender R.P., Hambly N.C., van der Klis M.), **315,** L57
Cooling curves and initial models for low-mass white dwarfs (< 0.25 $M_\odot$) with helium cores (Sarna M.J., Ergma E., Gerškevitš-Antipova J.), **316,** 84
Optical studies of the X-ray transient XTE J2123–058 – I. Photometry (Zurita C., Casares J., Shahbaz T., Charles P.A., Hynes R.I., Shugarov S., Goransky V., Pavlenko E.P., Kuznetsova Y.), **316,** 137
Eclipse studies of the dwarf nova EX Draconis (Baptista R., Catalán M.S., Costa L.), **316,** 529
Searching for periodicities in the MACHO light curve of LMC X-2 (Alcock C. et al.), **316,** 729
Two- and three-dimensional numerical simulations of accretion discs in a close binary system (Makita M., Miyawaki K., Matsuda T.), **316,** 906
Influence of the r-mode instability on hypercritically accreting neutron stars (Yoshida S., Eriguchi Y.), **316,** 917
The radio luminosity of persistent X-ray binaries (Fender R.P., Hendry M.A.), **317,** 1
Excess submillimetre emission from GRS 1915 + 105 (Ogley R.N., Bell Burnell S.J., Fender R.P., Pooley G.G., Waltman E.B.), **317,** 158
Gravitational radiation from strongly magnetized white dwarfs (Heyl J.S.), **317,** 310
Observations of the extreme-ultraviolet transient RE J1255 + 266: a short outburst of a WZ Sge system? (Wheatley P.J., Burleigh M.R., Watson M.G.), **317,** 343
The violent past of Cygnus X-2 (Kolb U., Davies M.B., King A., Ritter H.), **317,** 438
A TiO study of the black hole binary GRO J0422 + 32 in a very low state (Webb N.A., Naylor T., Ioannou Z., Charles P.A., Shahbaz T.), **317,** 528
Superhumps in V348 Pup (Rolfe D.J., Haswell C.A., Patterson J.), **317,** 759
Rotation, planets, and the 'second parameter' of the horizontal branch (Soker N., Harpaz A.), **317,** 861

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A TiO study of the dwarf nova IP Pegasi (Beekman G., Somers M., Naylor T., Hellier C.), **318,** 9
Polarimetry and spectroscopy of RX J1141.3–6410: a single-pole AM Her system (Buckley D.A.H., Cropper M., van der Heyden K., Potter S.B., Wickramasinghe D.T.), **318,** 187
On the late spectral types of cataclysmic variable secondaries (Baraffe I., Kolb U.), **318,** 354
Modelling the spectra of colliding winds in the Wolf–Rayet WC7 + O binaries WR 42 and WR 79 (Hill G.M., Moffat A.F.J., St-Louis N., Bartzakos P.), **318,** 402
Investigating the structure of the accretion disc in WZ Sge from multiwaveband time-resolved spectroscopic observations – I (Skidmore W., Mason E., Howell S.B., Ciardi D.R., Littlefair S., Dhillon V.S.), **318,** 429
Investigating the structure of the accretion disc in WZ Sge from multiwaveband time-resolved spectroscopic observations – II (Mason E., Skidmore W., Howell S.B., Ciardi D.R., Littlefair S., Dhillon V.S.), **318,** 440
Simultaneous radio and X-ray observations of Galactic Centre low-mass X-ray binaries (Berendsen S.G.H., Fender R., Kuulkers E., Heise J., van der Klis M.), **318,** 599
Newtonian hydrodynamics of the coalescence of black holes with neutron stars – III. Irrotational binaries with a stiff equation of state (Lee W.H.), **318,** 606
Giant repeated ejections from GRS 1915 + 105 (Fender R.P., Pooley G.G.), **318,** L1
Stellar contributors to the hard X-ray background? (Natarajan P., Almaini O.), **318,** L21
Low- and intermediate-mass close binary evolution and the initial–final mass relation (Han Z., Tout C.A., Eggleton P.P.), **319,** 215
Radial velocity measurements of white dwarfs (Maxted P.F.L., Marsh T.R., Moran C.K.J.), **319,** 305
The outbursts of dwarf novae (Truss M.R., Murray J.R., Wynn G.A., Edgar R.G.), **319,** 467

Binaries: eclipsing

A photometric study of the eclipsing symbiotic binary AR Pavonis (Skopal A., Djuraševi ć G., Jones A., Drechsel H., Rovithis-Livaniou H., Rovithis P.), **311,** 225
Chemical composition of eclipsing binaries: a new approach to the helium-to-metal enrichment ratio (Ribas I., Jordi C., Torra J., Giménez Á.), **313,** 99
Short-term pulse frequency fluctuations of OAO 1657–415 from *RXTE* observations (Baykal A.), **313,** 637
UV spectroscopy of the peculiar binary V Sagittae in a low state (Wood J.H., Lockley J.J.), **313,** 789
Spatially resolved spectra of the accretion disc of the nova-like variable UU Aquarii (Baptista R., Silveira C., Steiner J.E., Horne K.), **314,** 713
Eclipse maps of spiral shocks in the accretion disc of IP Pegasi in outburst (Baptista R., Harlaftis E.T., Steeghs D.), **314,** 727
W Crv: the shortest-period Algol with non-degenerate components? (Rucinski S.M., Lu W.), **315,** 587
Eclipse studies of the dwarf nova EX Draconis (Baptista R., Catalán M.S., Costa L.), **316,** 529
A photometric study of the contact binaries V523 Cas and TY UMa (Lister T.A., McDermid R.M., Hilditch R.W.), **317,** 111
Superhumps in V348 Pup (Rolfe D.J., Haswell C.A., Patterson J.), **317,** 759
A TiO study of the dwarf nova IP Pegasi (Beekman G., Somers M., Naylor T., Hellier C.), **318,** 9
The mass dependence of the overshooting parameter determined from eclipsing binary data (Ribas I., Jordi C., Giménez Á.), **318,** L55
Progress on a model for β Lyrae (Linnell A.P.), **319,** 255

Binaries: general

OGLE observations of four X-ray binary pulsars in the Small Magellanic Cloud (Coe M.J., Orosz J.A.), **311,** 169
Two nearby M dwarf binaries from the Two Micron All Sky Survey (Gizis J.E., Monet D.G., Reid I.N., Kirkpatrick J.D., Burgasser A.J.), **311,** 385
RXTE observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **312,** 151
The Parkes Multibeam Pulsar Survey: PSR J1811–1736, a pulsar in a highly eccentric binary system (Lyne A.G., Camilo F., Manchester R.N., Bell J.F., Kaspi V.M., D'Amico N., McKay N.P.F., Crawford F., Morris D.J., Sheppard D.C., Stairs I.H.), **312,** 698
Predicting the properties of binary stellar systems: the evolution of accreting protobinary systems (Bate M.R.), **314,** 33
Distribution of caustic-crossing intervals for Galactic binary-lens microlensing events (Han C., Park S.-H., Lee Y.-S.), **314,** 59
The discovery of the optical/IR counterpart of the 12-s transient X-ray pulsar GS 0834–43 (Israel G.L., Covino S., Campana S., Polcaro V.F., Roche P., Stella L., Di Paola A., Lazzati D., Mereghetti S., Giallongo E., Fontana A., Verrecchia F.), **314,** 87
The role of advection in the accreting corona model for active galactic nuclei and Galactic black holes (Janiuk A., Życki P.T., Czerny B.), **314,** 364
CR Boo: the 'helium ER UMa star' with a 46.3-d supercycle (Kato T., Nogami D., Baba H., Hanson G., Poyner G.), **315,** 140
Erratum: *RXTE* observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **315,** 655
Cooling curves and initial models for low-mass white dwarfs (< 0.25 $M_{\odot}$) with helium cores (Sarna M.J., Ergma E., Gerškevitš-Antipova J.), **316,** 84
ASCA spectroscopy of the hard X-ray emission from the colliding wind interaction in γ^2 Velorum (Rauw G., Stevens I.R., Pittard J.M., Corcoran M.F.), **316,** 129
Two-phase radiative/conductive equilibrium in active galactic nuclei and galactic black holes (Różańska A., Czerny B.), **316,** 473
Detection of stellar spots from the observations of caustic-crossing binary-lens gravitational microlensing events (Han C., Park S.-H., Kim H.-I., Chang K.), **316,** 665
Frequency-resolved spectroscopy of Cyg X-1: fast variability of the reflected emission in the soft state (Gilfanov M., Churazov E., Revnivtsev M.), **316,** 923
Correlated *V/R* and infrared photometric variations in the Be/X-ray binary LS I + 61° 235/RX J0146.9 + 6121 (Reig P., Negueruela I., Coe M.J., Fabregat J., Tarasov A.E., Zamanov R.K.), **317,** 205
Coordinated monitoring of the eccentric O-star binary Iota Orionis: optical spectroscopy and photometry (Marchenko S.V. et al.), **317,** 333
A stochastic Monte Carlo approach to model real star cluster evolution – II. Self-consistent models and primordial binaries (Giersz M., Spurzem R.), **317,** 581
Observational implications of precessing protostellar discs and jets (Bate M.R., Bonnell I.A., Clarke C.J., Lubow S.H., Ogilvie G.I., Pringle J.E., Tout C.A.), **317,** 773
Are there three peaks in the power spectra of GX 339–4 and Cyg X-1? (Nowak M.A.), **318,** 361
Magnetic flares and the optical variability of the X-ray transient XTE J1118 + 480 (Merloni A., Di Matteo T., Fabian A.C.), **318,** L15
A new outcome of binary–binary scattering (Heggie D.C.), **318,** L61
Coordinated monitoring of the eccentric O-star binary Iota Orionis: the X-ray analysis (Pittard J.M., Stevens I.R., Corcoran M.F., Gayley K.G., Marchenko S.V., Rauw G.), **319,** 137
Differences between the two anomalous X-ray pulsars: variations in the spin-down rate of 1E 1048.1–5937 and an extended interval of quiet spin-down in 1E 2259 + 586 (Baykal A., Strohmayer T., Swank J., Alpar M.A., Stark M.J.), **319,** 205
NGC 1333/IRAS 4: a multiple star formation laboratory (Smith K.W., Bonnell I.A., Emerson J.P., Jenness T.), **319,** 991
The effects of resolved sources and blending on the detection of planets via gravitational microlensing (Vermaak P.), **319,** 1011

Binaries: spectroscopic

Orbital periods of the binary sdB stars PG 0940 + 068 and PG 1247 + 554 (Maxted P.F.L., Moran C.K.J., Marsh T.R., Gatti A.A.), **311,** 877

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Composite spectra, Paper 9: HR 5983 (Griffin R.E.M., Griffin R.F.), **312,** 225
A mystery solved: the mass ratio of the dwarf nova EM Cygni (North R.C., Marsh T.R., Moran C.K.J., Kolb U., Smith R.C., Stehle R.), **313,** 383
Spiral structure in IP Pegasi: how persistent is it? (Morales-Rueda L., Marsh T.R., Billington I.), **313,** 454
The triple degenerate star WD 1704 + 481 (Maxted P.F.L., Marsh T.R., Moran C.K.J., Han Z.), **314,** 334
The southern active-chromosphere star HD 6628 (Watson L.C., Hearnshaw J.B., Pollard K.R., Kilmartin P.M., Gilmore A.C.), **315,** 69
W Crv: the shortest-period Algol with non-degenerate components? (Rucinski S.M., Lu W.), **315,** 587
Studies of multiple stellar systems – III. Modulation of orbital elements in the triple-lined system HD 109648 (Jha S., Torres G., Stefanik R.P., Latham D.W., Mazeh T.), **317,** 375
KPD 1930 + 2752: a candidate Type Ia supernova progenitor (Maxted P.F.L., Marsh T.R., North R.C.), **317,** L41
A TiO study of the dwarf nova IP Pegasi (Beekman G., Somers M., Naylor T., Hellier C.), **318,** 9
Progress on a model for β Lyrae (Linnell A.P.), **319,** 255
Radial velocity measurements of white dwarfs (Maxted P.F.L., Marsh T.R., Moran C.K.J.), **319,** 305
Composite spectra, Paper 10: the equal-mass binary HR 2030 (K0 IIb + B8 IV) (Griffin R.E.M., Griffin R.F.), **319,** 1094

Binaries: symbiotic
A photometric study of the eclipsing symbiotic binary AR Pavonis (Skopal A., Djurašević G., Jones A., Drechsel H., Rovithis-Livaniou H., Rovithis P.), **311,** 225
Colliding winds in V1016 Cygni (Watson S.K., Eyres S.P.S., Davis R.J., Bode M.F., Richards A.M.S., Kenny H.T.), **311,** 449
Spectral variation in the X-ray pulsar GX 1 + 4 during a low-flux episode (Galloway D.K., Giles A.B., Greenhill J.G., Storey M.C.), **311,** 755

Carbon
The APM Survey for cool carbon stars in the Galactic halo – II. The search for dwarf carbon stars (Totten E.J., Irwin M.J., Whitelock P.A.), **314,** 630
SiC_2 in carbon stars: Merrill–Sanford absorption bands between 4100 and 5500 Å (Sarre P.J., Hurst M.E., Lloyd Evans T.), **319,** 103
IRAS 12311–3509: a carbon star with SiC_2 emission (Lloyd Evans T., Hurst M.E., Sarre P.J.), **319,** 111

Chemically peculiar
The carbon Cepheid RT Trianguli Australis: additional evidence of triple-α and CNO cycling (Wallerstein G., Matt S., Gonzalez G.), **311,** 414
Towards the solution of the λ Bootis problem (Andrievsky S.M., Paunzen E.), **313,** 547
The evolution of a rapidly accreting helium white dwarf to become a low-luminosity helium star (Saio H., Jeffery C.S.), **313,** 671
Spectropolarimetric measurements of magnetic Ap and Bp stars in all four Stokes parameters (Wade G.A., Donati J.-F., Landstreet J.D., Shorlin S.L.S.), **313,** 823
High-precision magnetic field measurements of Ap and Bp stars (Wade G.A., Donati J.-F., Landstreet J.D., Shorlin S.L.S.), **313,** 851
The eccentricities of the barium stars (Karakas A.I., Tout C.A., Lattanzio J.C.), **316,** 689
Abundances in Przybylski's star (Cowley C.R., Ryabchikova T., Kupka F., Bord D.J., Mathys G., Bidelman W.P.), **317,** 299
Time-series spectroscopy of the rapidly oscillating Ap star HR 3831 (Baldry I.K., Bedding T.R.), **318,** 341
Neon abundances in normal late-B and mercury–manganese stars (Dworetsky M.M., Budaj J.), **318,** 1264
Magnetic perturbations to the acoustic modes of roAp stars (Cunha M.S., Gough D.), **319,** 1020

Chromospheres
The outer atmosphere of α Tau – III. Inhomogeneities deduced from cold CO fluorescence (McMurry A.D., Jordan C.), **313,** 423
Chromospheric activity in the late A- and early F-type stars of open clusters – II. Pleiades and Alpha Persei (Rachford B.L.), **315,** 24
The southern active-chromosphere star HD 6628 (Watson L.C., Hearnshaw J.B., Pollard K.R., Kilmartin P.M., Gilmore A.C.), **315,** 69
Low-mass spectroscopic binaries in the Hyades: a candidate brown dwarf companion (Reid I.N., Mahoney S.), **316,** 827

Circumstellar matter
Ultra-high-resolution observations of circumstellar K I and C_2 around the post-AGB star HD 56126 (Crawford I.A., Barlow M.J.), **311,** 370
Colliding winds in V1016 Cygni (Watson S.K., Eyres S.P.S., Davis R.J., Bode M.F., Richards A.M.S., Kenny H.T.), **311,** 449
Rapidly oscillating M giant stars? (Koen C., Laney D.), **311,** 636
Dust formation and inhomogeneous mass-loss from asymptotic giant branch stars (Soker N.), **312,** 217
The continuum re-processing efficiency of Be-star circumstellar discs (Millar C.E., Sigut T.A.A., Marlborough J.M.), **312,** 465
No molecular gas around nearby solar-type stars (Greaves J.S., Coulson I.M., Holland W.S.), **312,** L1
A 500 km s^{-1} outflow from the young bipolar planetary nebula Mz 3 (Redman M.P., O'Connor J.A., Holloway A.J., Bryce M., Meaburn J.), **312,** L23
Optical, infrared and millimetre-wave properties of Vega-like systems – IV. Observations of a new sample of candidate Vega-like sources (Sylvester R.J., Mannings V.), **313,** 73
The variability of Magellanic cluster infrared stars (Nishida S., Tanabé T., Nakada Y., Matsumoto S., Sekiguchi K., Glass I.S.), **313,** 136
Towards the solution of the λ Bootis problem (Andrievsky S.M., Paunzen E.), **313,** 547
Predicting the properties of binary stellar systems: the evolution of accreting protobinary systems (Bate M.R.), **314,** 33
Hubble Space Telescope imaging and ground-based spectroscopy of old nova shells – I. FH Ser, V533 Her, BT Mon, DK Lac and V476 Cyg (Gill C.D., O'Brien T.J.), **314,** 175
High-resolution near-infrared observations of Herbig–Haro flows – I. H_2 imaging and proper motions (Chrysostomou A., Hobson J., Davis C.J., Smith M.D., Berndsen A.), **314,** 229
Models of the dust structures around Vega-excess stars (Dent W.R.F., Walker H.J., Holland W.S., Greaves J.S.), **314,** 702
A population of very young brown dwarfs and free-floating planets in Orion (Lucas P.W., Roche P.F.), **314,** 858
The continuing saga of Sakurai's object (V4334 Sgr): dust production and helium line emission (Tyne V.H., Eyres S.P.S., Geballe T.R., Evans A., Smalley B., Duerbeck H.W., Asplund M.), **315,** 595
Optical properties of the carbon dust grains in the envelopes around asymptotic giant branch stars (Suh K.-W.), **315,** 740
Modelling of oxygen-rich envelopes using corundum and silicate grains (Lorenz-Martins S., Pompeia L.), **315,** 856
Large molecules in the envelope surrounding IRC + 10216 (Millar T.J., Herbst E., Bettens R.P.A.), **316,** 195
A search for protoplanetary discs around millisecond pulsars (Greaves J.S., Holland W.S.), **316,** L21
Modelling near-IR spectra and mid-IR dust emission of Mira variables at different phases (Lobel A., Bagnulo S., Doyle J.G., Power C.), **317,** 391
Sputtering in the outflows of cool stars (Covatto C., Aannestad P.A.), **318,** 67
A high-resolution radio survey of Class I protostars (Lucas P.W., Blundell K.M., Roche P.F.), **318,** 526
The ejecta from the luminous blue variable star P Cygni (Meaburn J., O'Connor J.A., López J.A., Bryce M., Redman M.P., Noriega-Crespo A.), **318,** 561
New, high-resolution, near-infrared observations of HH 1 (Davis C.J., Smith M.D., Eislöffel J.), **318,** 747
Observations of a curving molecular outflow from V380 Ori-NE: further support for prompt entrainment in protostellar outflows (Davis C.J., Dent W.R.F., Matthews H.E., Coulson I.M., McCaughrean M.J.), **318,** 952

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Asymmetry and inhomogeneity in proto- and young planetary nebulae (Soker N.), **318,** 1017
The remnant of Nova Cassiopeiae 1993 (V705 Cassiopeiae) (Eyres S.P.S., Bode M.F., O'Brien T.J., Watson S.K., Davis R.J.), **318,** 1086
Optical and infrared photometry of the Type IIn SN 1998S: days 11–146 (Fassia A. et al.), **318,** 1093
IRAS 12311–3509: a carbon star with SiC_2 emission (Lloyd Evans T., Hurst M.E., Sarre P.J.), **319,** 111
A submillimetre survey for protostellar accretion discs using the JCMT–CSO interferometer (Brown D.W., Chandler C.J., Carlstrom J.E., Hills R.E., Lay O.P., Matthews B.C., Richer J.S., Wilson C.D.), **319,** 154
Star formation in the Cepheus Flare region – II. A-type stars associated with *IRAS* sources (Kun M., Vinkó J., Szabados L.), **319,** 777
NGC 1333/IRAS 4: a multiple star formation laboratory (Smith K.W., Bonnell I.A., Emerson J.P., Jenness T.), **319,** 991
The X-ray spectrum and light curve of Supernova 1995N (Fox D.W., Lewin W.H.G., Fabian A., Iwasawa K., Terlevich R., Zimmermann H.U., Aschenbach B., Weiler K., Van Dyk S., Chevalier R., Rutledge R., Inoue H., Uno S.), **319,** 1154
Hα spectropolarimetry of the Herbig Ae star AB Aurigae (Pontefract M., Drew J.E., Harries T.J., Oudmaijer R.D.), **319,** L19

Coronae
Optical, X-ray and radio observations of HD 61396: a probable new RS CVn-type binary (Padmakar, Singh K.P., Drake S.A., Pandey S.K.), **314,** 733
A model of slingshot prominences in rapidly rotating stars (Ferreira J.M.), **316,** 647
Surface differential rotation and prominences of the Lupus post T Tauri star RX J1508.6–4423 (Donati J.-F., Mengel M., Carter B.D., Marsden S., Collier Cameron A., Wichmann R.), **316,** 699
Coronal activity from dynamos in astrophysical rotators (Blackman E.G., Field G.B.), **318,** 724

Distances
The distribution of bright OB stars in the Canis Major–Puppis–Vela region of the Milky Way (Kaltcheva N.T., Hilditch R.W.), **312,** 753
The intermediate-band approach to the surface-brightness method for Cepheid radii and distance determination (Arellano Ferro A., Rosenzweig P.), **315,** 296
On the existence of differences in luminosity between horizontal branch stars in globular clusters and in the field (Carretta E., Gratton R.G., Clementini G.), **316,** 721
The region of Collinder 121 (Kaltcheva N.T.), **318,** 1023

Early-type
The continuum re-processing efficiency of Be-star circumstellar discs (Millar C.E., Sigut T.A.A., Marlborough J.M.), **312,** 465
The distribution of bright OB stars in the Canis Major–Puppis–Vela region of the Milky Way (Kaltcheva N.T., Hilditch R.W.), **312,** 753
High-resolution optical spectroscopy of the sharp-lined B-type star HD 83206 (Lehner N., Dufton P.L., Lambert D.L., Ryans R.S.I., Keenan F.P.), **314,** 199
Synthetic line profiles of rotationally distorted hot-star winds (Harries T.J.), **315,** 722
Surface abundances of light elements for a large sample of early B-type stars – I. Spectral observations of 123 stars; measurements of hydrogen and helium lines; infrared photometry (Lyubimkov L.S., Lambert D.L., Rachkovskaya T.M., Rostopchin S.I., Tarasov A.E., Poklad D.B., Larionov V.M., Larionova L.V.), **316,** 19
The spectral variations of the O-type runaway supergiant HD 188209 (Israelian G., Herrero A., Musaev F., Kaufer A., Galeev A., Galazutdinov G., Santolaya-Rey E.), **316,** 407
Coordinated monitoring of the eccentric O-star binary Iota Orionis: optical spectroscopy and photometry (Marchenko S.V. et al.), **317,** 333
Surface trapping and leakage of low-frequency g modes in rotating early-type stars – I. Qualitative analysis (Townsend R.H.D.), **318,** 1
Exospheric models for the X-ray emission from single Wolf–Rayet stars (Ignace R., Oskinova L.M., Foullon C.), **318,** 214
The region of Collinder 121 (Kaltcheva N.T.), **318,** 1023
The mass dependence of the overshooting parameter determined from eclipsing binary data (Ribas I., Jordi C., Giménez Á.), **318,** L55
Coordinated monitoring of the eccentric O-star binary Iota Orionis: the X-ray analysis (Pittard J.M., Stevens I.R., Corcoran M.F., Gayley K.G., Marchenko S.V., Rauw G.), **319,** 137
Surface trapping and leakage of low-frequency g modes in rotating early-type stars – II. Global analysis (Townsend R.H.D.), **319,** 289
Star formation in the Cepheus Flare region – II. A-type stars associated with *IRAS* sources (Kun M., Vinkó J., Szabados L.), **319,** 777

Emission-line, Be
OGLE observations of four X-ray binary pulsars in the Small Magellanic Cloud (Coe M.J., Orosz J.A.), **311,** 169
Periodic microvariation of B416, a new luminous blue variable in M33 (Shemmer O., Leibowitz E.M., Szkody P.), **311,** 698
Single Be stars as binary ejecta? (Rinehart S.A.), **312,** 429
The continuum re-processing efficiency of Be-star circumstellar discs (Millar C.E., Sigut T.A.A., Marlborough J.M.), **312,** 465
The discovery of the optical/IR counterpart of the 12-s transient X-ray pulsar GS 0834–43 (Israel G.L., Covino S., Campana S., Polcaro V.F., Roche P., Stella L., Di Paola A., Lazzati D., Mereghetti S., Giallongo E., Fontana A., Verrecchia F.), **314,** 87
The SMC X-ray transient XTE J0111.2–7317: a Be/X-ray binary in a supernova remnant? (Coe M.J., Haigh N.J., Reig P.), **314,** 290
Correlated *V/R* and infrared photometric variations in the Be/X-ray binary LS I + 61° 235/RX J0146.9 + 6121 (Reig P., Negueruela I., Coe M.J., Fabregat J., Tarasov A.E., Zamanov R.K.), **317,** 205
Surface trapping and leakage of low-frequency g modes in rotating early-type stars – II. Global analysis (Townsend R.H.D.), **319,** 289
Absolute magnitudes of OB and Be stars based on *Hipparcos* parallaxes (Wegner W.), **319,** 771
Hα spectropolarimetry of the Herbig Ae star AB Aurigae (Pontefract M., Drew J.E., Harries T.J., Oudmaijer R.D.), **319,** L19

Evolution
The evolution of iron-core white dwarfs (Panei J.A., Althaus L.G., Benvenuto O.G.), **312,** 531
The effect of the neutron-star crust on the evolution of a core magnetic field (Konenkov D., Geppert U.), **313,** 66
Chemical composition of eclipsing binaries: a new approach to the helium-to-metal enrichment ratio (Ribas I., Jordi C., Torra J., Giménez Á.), **313,** 99
The evolution of a rapidly accreting helium white dwarf to become a low-luminosity helium star (Saio H., Jeffery C.S.), **313,** 671
Spectral evolution of the peculiar Ic Supernova 1998bw (Stathakis R.A., Boyle B.J., Jones D.H., Bessell M.S., Galama T.J., Germany L.M., Hartley M., James D.M., Kouveliotou C., Lewis I.J., Parker Q.A., Russell K.S., Sadler E.M., Tinney C.G., van Paradijs J., Vreeswijk P.M.), **314,** 807
Quantitative analysis of WC stars: constraints on neon abundances from *ISO*-SWS spectroscopy (Dessart L., Crowther P.A., Hillier D.J., Willis A.J., Morris P.W., van der Hucht K.A.), **315,** 407
Comprehensive analytic formulae for stellar evolution as a function of mass and metallicity (Hurley J.R., Pols O.R., Tout C.A.), **315,** 543
Galactic globular clusters as a test for very-low-mass stellar models (Cassisi S., Castellani V., Ciarcelluti P., Piotto G., Zoccali M.), **315,** 679
Cooling curves and initial models for low-mass white dwarfs (< 0.25 $M_\odot$) with helium cores (Sarna M.J., Ergma E., Gerškevitš-Antipova J.), **316,** 84
Seismic study of stellar convective regions: the base of the convective envelope in low-mass stars (Monteiro M.J.P.F.G., Christensen-Dalsgaard J., Thompson M.J.), **316,** 165
Lithium depletion in G and K dwarfs (Umezu M., Saio H.), **316,** 307
On a physical mechanism for extra mixing in globular cluster red giants (Denissenkov P.A., Tout C.A.), **316,** 395

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The violent past of Cygnus X-2 (Kolb U., Davies M.B., King A., Ritter H.), **317,** 438
Diffusion in helium white dwarf stars (Althaus L.G., Benvenuto O.G.), **317,** 952
On the late spectral types of cataclysmic variable secondaries (Baraffe I., Kolb U.), **318,** 354
The mass dependence of the overshooting parameter determined from eclipsing binary data (Ribas I., Jordi C., Giménez Á.), **318,** L55
A submillimetre survey for protostellar accretion discs using the JCMT–CSO interferometer (Brown D.W., Chandler C.J., Carlstrom J.E., Hills R.E., Lay O.P., Matthews B.C., Richer J.S., Wilson C.D.), **319,** 154
Low- and intermediate-mass close binary evolution and the initial–final mass relation (Han Z., Tout C.A., Eggleton P.P.), **319,** 215
Thermal stability and nova cycles in permanent superhump systems (Retter A., Naylor T.), **319,** 510

Flare
A model of slingshot prominences in rapidly rotating stars (Ferreira J.M.), **316,** 647
The role of non-thermal electrons in the optical continuum of stellar flares (Ding M.D., Fang C.), **317,** 867
Simultaneous *ROSAT* XRT and WFC observations of a sample of active dwarf stars (Tsikoudi V., Kellett B.J., Schmitt J.H.M.M.), **319,** 1136
ROSAT All-Sky Survey X-ray and EUV observations of YY Gem and AU Mic (Tsikoudi V., Kellett B.J.), **319,** 1147

Formation
A far-infrared survey of molecular cloud cores (Jessop N.E., Ward-Thompson D.), **311,** 63
Herbig–Haro flows near compact reflection nebulae (Aspin C., Reipurth B.), **311,** 522
Two stellar mass functions combined into one by the random sampling model of the initial mass function (Elmegreen B.G.), **311,** L5
Observations of OH 4765-MHz maser emission from star-forming regions (Szymczak M., Kus A.J., Hrynek G.), **312,** 211
Studies in mid-infrared spectropolarimetry – II. An atlas of spectra (Smith C.H., Wright C.M., Aitken D.K., Roche P.F., Hough J.H.), **312,** 327
Galaxy formation and evolution – II. Energy balance, star formation and feedback (Buonomo F., Carraro G., Chiosi C., Lia C.), **312,** 371
Reconnection X-winds: spin-down of low-mass protostars (Ferreira J., Pelletier G., Appl S.), **312,** 387
A source of extended HCO^+ emission in young stellar objects (Rawlings J.M.C., Taylor S.D., Williams D.A.), **313,** 461
Methanol masers at 107.0 and 156.6 GHz (Caswell J.L., Yi J., Booth R.S., Cragg D.M.), **313,** 599
Analytic solutions to the problem of jets with time-dependent injection velocities (Cantó J., Raga A.C., D'Alessio P.), **313,** 656
Discovery of a dense bipolar outflow from a new class 0 protostar in NGC 2068/LBS 17 (Gibb A.G., Little L.T.), **313,** 663
Massive star formation in galaxies: radiative transfer models of the UV to millimetre emission of starburst galaxies (Efstathiou A., Rowan-Robinson M., Siebenmorgen R.), **313,** 734
On the migration of a system of protoplanets (Kley W.), **313,** L47
Predicting the properties of binary stellar systems: the evolution of accreting protobinary systems (Bate M.R.), **314,** 33
The emergence of a neutral Herbig–Haro jet into a photoionized nebula (Raga A., López-Martín L., Binette L., López J.A., Cantó J., Arthur S.J., Mellema G., Steffen W., Ferruit P.), **314,** 681
Ammonia observations of the nearby molecular cloud MBM 12 (Gómez J.F., Trapero J., Pascual S., Patel N., Morales C., Torrelles J.M.), **314,** 743
A population of very young brown dwarfs and free-floating planets in Orion (Lucas P.W., Roche P.F.), **314,** 858
Large-scale magnetohydrodynamic density-wave structures in the Andromeda nebula (Lou Y.-Q., Fan Z.), **315,** 646
On the orbital evolution and growth of protoplanets embedded in a gaseous disc (Papaloizou J.C.B., Larwood J.D.), **315,** 823
Star formation in NGC 6334 I and I(N) (McCutcheon W.H., Sandell G., Matthews H.E., Kuiper T.B.H., Sutton E.C., Danchi W.C., Sato T.), **316,** 152
Star formation properties of Universidad Complutense de Madrid survey galaxies (Gil de Paz A., Aragón-Salamanca A., Gallego J., Alonso-Herrero A., Zamorano J., Kauffmann G.), **316,** 357
The recent star formation history of the *Hipparcos* solar neighbourhood (Hernandez X., Valls-Gabaud D., Gilmore G.), **316,** 605
The eccentricities of the barium stars (Karakas A.I., Tout C.A., Lattanzio J.C.), **316,** 689
Hyperluminous infrared galaxies (Rowan-Robinson M.), **316,** 885
The modelling of line emission from axially symmetric structures (Phillips R.R., Little L.T.), **317,** 179
An Hα survey of eight Abell clusters: the dependence of tidally induced star formation on cluster density (Moss C., Whittle M.), **317,** 667
A model of supernova feedback in galaxy formation (Efstathiou G.), **317,** 697
Observational implications of precessing protostellar discs and jets (Bate M.R., Bonnell I.A., Clarke C.J., Lubow S.H., Ogilvie G.I., Pringle J.E., Tout C.A.), **317,** 773
Non-parametric star formation histories for four dwarf spheroidal galaxies of the Local Group (Hernandez X., Gilmore G., Valls-Gabaud D.), **317,** 831
Cold gas and star formation in a merging galaxy sequence (Georgakakis A., Forbes D.A., Norris R.P.), **318,** 124
A high-resolution radio survey of Class I protostars (Lucas P.W., Blundell K.M., Roche P.F.), **318,** 526
A submillimetre survey for protostellar accretion discs using the JCMT–CSO interferometer (Brown D.W., Chandler C.J., Carlstrom J.E., Hills R.E., Lay O.P., Matthews B.C., Richer J.S., Wilson C.D.), **319,** 154
Polarization models of young stellar objects – II. Linear and circular polarimetry of R Coronae Australis (Clark S., McCall A., Chrysostomou A., Gledhill T., Yates J., Hough J.), **319,** 337
Star formation in the Cepheus Flare region – II. A-type stars associated with *IRAS* sources (Kun M., Vinkó J., Szabados L.), **319,** 777
New models of interstellar gas–grain chemistry – I. Surface diffusion rates (Ruffle D.P., Herbst E.), **319,** 837
NGC 1333/IRAS 4: a multiple star formation laboratory (Smith K.W., Bonnell I.A., Emerson J.P., Jenness T.), **319,** 991

Fundamental parameters
A spectroscopic study of V603 Aquilae: stellar parameters and continuum–line variations (Arenas J., Catalán M.S., Augusteijn T., Retter A.), **311,** 135
A photometric study of the eclipsing symbiotic binary AR Pavonis (Skopal A., Djurašević G., Jones A., Drechsel H., Rovithis-Livaniou H., Rovithis P.), **311,** 225
Spectroscopy and orbital periods of the old novae V533 Herculis, V446 Herculis and X Serpentis (Thorstensen J.R., Taylor C.J.), **312,** 629
Wavelength dependence of angular diameters of M giants: an observational perspective (Jacob A.P., Bedding T.R., Robertson J.G., Scholz M.), **312,** 733
The distribution of bright OB stars in the Canis Major–Puppis–Vela region of the Milky Way (Kaltcheva N.T., Hilditch R.W.), **312,** 753
Spectroscopy of WC9 Wolf–Rayet stars: a search for companions (Williams P.M., van der Hucht K.A.), **314,** 23
Determining the mass of the accreting white dwarf in magnetic cataclysmic variables using *RXTE* data (Ramsay G.), **314,** 403
A photometric and spectroscopic study of the brightest northern Cepheids – III. A high-resolution view of Cepheid atmospheres (Kiss L.L., Vinkó J.), **314,** 420
The intermediate-band approach to the surface-brightness method for Cepheid radii and distance determination (Arellano Ferro A., Rosenzweig P.), **315,** 296
Quantitative analysis of WC stars: constraints on neon abundances from *ISO*-SWS spectroscopy (Dessart L., Crowther P.A., Hillier D.J., Willis A.J., Morris P.W., van der Hucht K.A.), **315,** 407

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Comprehensive analytic formulae for stellar evolution as a function of mass and metallicity (Hurley J.R., Pols O.R., Tout C.A.), **315,** 543
Chromaticity of gravitational microlensing events (Han C., Park S.-H., Jeong J.-H.), **316,** 97
The spectral variations of the O-type runaway supergiant HD 188209 (Israelian G., Herrero A., Musaev F., Kaufer A., Galeev A., Galazutdinov G., Santolaya-Rey E.), **316,** 407
A photometric study of the contact binaries V523 Cas and TY UMa (Lister T.A., McDermid R.M., Hilditch R.W.), **317,** 111
A TiO study of the black hole binary GRO J0422 + 32 in a very low state (Webb N.A., Naylor T., Ioannou Z., Charles P.A., Shahbaz T.), **317,** 528
Angular diameter and effective temperature of a sample of 15 M giants at 2.2 μm from lunar occultation observations (Tej A., Chandrasekhar T.), **317,** 687
A TiO study of the dwarf nova IP Pegasi (Beekman G., Somers M., Naylor T., Hellier C.), **318,** 9
Limb-darkening corrections for interferometric uniform disc stellar angular diameters (Davis J., Tango W.J., Booth A.J.), **318,** 387
The region of Collinder 121 (Kaltcheva N.T.), **318,** 1023
High proper motion stars in Kapteyn Selected Area 94 (Cooke J.A., Reid I.N.), **318,** 1206
Absolute magnitudes of OB and Be stars based on *Hipparcos* parallaxes (Wegner W.), **319,** 771

General
Interstellar Na I D lines towards the Southern Coalsack (Franco G.A.P.), **315,** 611
Modelling of oxygen-rich envelopes using corundum and silicate grains (Lorenz-Martins S., Pompeia L.), **315,** 856
Coordinated monitoring of the eccentric O-star binary Iota Orionis: optical spectroscopy and photometry (Marchenko S.V. et al.), **317,** 333

Horizontal branch
On the existence of differences in luminosity between horizontal branch stars in globular clusters and in the field (Carretta E., Gratton R.G., Clementini G.), **316,** 721
Pulsational M_V versus [Fe/H] relation(s) for globular cluster RR Lyrae variables (Caputo F., Castellani V., Marconi M., Ripepi V.), **316,** 819
Rotation, planets, and the 'second parameter' of the horizontal branch (Soker N., Harpaz A.), **317,** 861

Imaging
Colliding winds in V1016 Cygni (Watson S.K., Eyres S.P.S., Davis R.J., Bode M.F., Richards A.M.S., Kenny H.T.), **311,** 449
New views of Betelgeuse: multi-wavelength surface imaging and implications for models of hotspot generation (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Lawson P.R., Mackay C.D., Pearson D., Rogers J., St.-Jacques D., Warner P.J., Wilson D.M.A., Wilson R.W.), **315,** 635
Comparisons of images derived from independent Zeeman Doppler imaging codes (Hussain G.A.J., Donati J.-F., Collier Cameron A., Barnes J.R.), **318,** 961

Individual: 28 And
Elemental abundance analyses with DAO spectrograms – XXIII. The superficially normal stars 28 And (A7 III) and 99 Her (F7 V) (Adelman S.J., Caliskan H., Kocer D., Cay I.H., Tektunali H.G.), **316,** 514

Individual: PX And
J-band spectroscopy of cataclysmic variables (Littlefair S.P., Dhillon V.S., Howell S.B., Ciardi D.R.), **313,** 117

Individual: AE Aqr
Propeller spin-down and the non-thermal emission from AE Aquarii (Meintjes P.J., de Jager O.C.), **311,** 611

Individual: UU Aqr
Spatially resolved spectra of the accretion disc of the nova-like variable UU Aquarii (Baptista R., Silveira C., Steiner J.E., Horne K.), **314,** 713

Individual: VY Aqr
J-band spectroscopy of cataclysmic variables (Littlefair S.P., Dhillon V.S., Howell S.B., Ciardi D.R.), **313,** 117

Individual: V603 Aql
A spectroscopic study of V603 Aquilae: stellar parameters and continuum–line variations (Arenas J., Catalán M.S., Augusteijn T., Retter A.), **311,** 135
Episodic absorption in the outflow of the old nova V603 Aquilae (Prinja R.K., Knigge C., Ringwald F.A., Wade R.A.), **318,** 368

Individual: AB Aur
Hα spectropolarimetry of the Herbig Ae star AB Aurigae (Pontefract M., Drew J.E., Harries T.J., Oudmaijer R.D.), **319,** L19

Individual: λ Boo
Towards the solution of the λ Bootis problem (Andrievsky S.M., Paunzen E.), **313,** 547

Individual: CR Boo
CR Boo: the 'helium ER UMa star' with a 46.3-d supercycle (Kato T., Nogami D., Baba H., Hanson G., Poyner G.), **315,** 140

Individual: BZ Cam
HST ultraviolet observations of rapid variability in the accretion-disc wind of BZ Cam (Prinja R.K., Ringwald F.A., Wade R.A., Knigge C.), **312,** 316

Individual: 4 CVn (AI CVn)
The multiperiodic δ Scuti star 4 Canum Venaticorum: amplitude variability (Breger M.), **313,** 129

Individual: η Car
Possible detection of an old bipolar shell associated with η Carinae (Bohigas J., Tapia M., Ruiz M.T., Roth M.), **312,** 295

Individual: V523 Cas
A photometric study of the contact binaries V523 Cas and TY UMa (Lister T.A., McDermid R.M., Hilditch R.W.), **317,** 111

Individual: V705 Cas
The remnant of Nova Cassiopeiae 1993 (V705 Cassiopeiae) (Eyres S.P.S., Bode M.F., O'Brien T.J., Watson S.K., Davis R.J.), **318,** 1086

Individual: Nova Cassiopeiae 1993
The remnant of Nova Cassiopeiae 1993 (V705 Cassiopeiae) (Eyres S.P.S., Bode M.F., O'Brien T.J., Watson S.K., Davis R.J.), **318,** 1086

Individual: V854 Cen
High-resolution spectroscopy of V854 Cen in decline – absorption and emission lines of C_2 molecules (Rao N.K., Lambert D.L.), **313,** L33

Individual: *o* Cet
Modelling near-IR spectra and mid-IR dust emission of Mira variables at different phases (Lobel A., Bagnulo S., Doyle J.G., Power C.), **317,** 391

Individual: R CrA
Polarization models of young stellar objects – II. Linear and circular polarimetry of R Coronae Australis (Clark S., McCall A., Chrysostomou A., Gledhill T., Yates J., Hough J.), **319,** 337

Individual: T CrA
Polarization models of young stellar objects – II. Linear and circular polarimetry of R Coronae Australis (Clark S., McCall A., Chrysostomou A., Gledhill T., Yates J., Hough J.), **319,** 337

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Individual: W Crv
W Crv: the shortest-period Algol with non-degenerate components? (Rucinski S.M., Lu W.), **315,** 587

Individual: χ Cyg
Cyclic variations in the angular diameter of χ Cygni (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Pearson D., Rogers J., St-Jacques D., Warner P.J., Wilson D.M.A.), **318,** 381

Individual: EM Cyg
A mystery solved: the mass ratio of the dwarf nova EM Cygni (North R.C., Marsh T.R., Moran C.K.J., Kolb U., Smith R.C., Stehle R.), **313,** 383

Individual: P Cyg
The ejecta from the luminous blue variable star P Cygni (Meaburn J., O'Connor J.A., López J.A., Bryce M., Redman M.P., Noriega-Crespo A.), **318,** 561

Individual: V1016 Cyg
Colliding winds in V1016 Cygni (Watson S.K., Eyres S.P.S., Davis R.J., Bode M.F., Richards A.M.S., Kenny H.T.), **311,** 449

Individual: V1974 Cyg
Thermal stability and nova cycles in permanent superhump systems (Retter A., Naylor T.), **319,** 510

Individual: Cygnus OB2 No. 12
Detection of HCO^+ towards Cygnus OB2 No. 12 (Scappini F., Cecchi-Pestellini C., Codella C., Dalgarno A.), **317,** L6

Individual: Cyg X-1
The distribution of X-ray dips with orbital phase in Cygnus X-1 (Bałucińska-Church M., Church M.J., Charles P.A., Nagase F., LaSala J., Barnard R.), **311,** 861
The very flat radio–millimetre spectrum of Cygnus X-1 (Fender R.P., Pooley G.G., Durouchoux P., Tilanus R.P.J., Brocksopp C.), **312,** 853
Frequency-resolved spectroscopy of Cyg X-1: fast variability of the reflected emission in the soft state (Gilfanov M., Churazov E., Revnivtsev M.), **316,** 923
Are there three peaks in the power spectra of GX 339–4 and Cyg X-1? (Nowak M.A.), **318,** 361

Individual: Cyg X-2
The violent past of Cygnus X-2 (Kolb U., Davies M.B., King A., Ritter H.), **317,** 438

Individual: R Dor
Wavelength dependence of angular diameters of M giants: an observational perspective (Jacob A.P., Bedding T.R., Robertson J.G., Scholz M.), **312,** 733

Individual: EX Dra
Eclipse studies of the dwarf nova EX Draconis (Baptista R., Catalán M.S., Costa L.), **316,** 529

Individual: 38 Eri
The δ Scuti star 38 o^1 Eri (Balona L.A.), **318,** 289

Individual: YY Gem
ROSAT All-Sky Survey X-ray and EUV observations of YY Gem and AU Mic (Tsikoudi V., Kellett B.J.), **319,** 1147

Individual: 99 Her
Elemental abundance analyses with DAO spectrograms – XXIII. The superficially normal stars 28 And (A7 III) and 99 Her (F7 V) (Adelman S.J., Caliskan H., Kocer D., Cay I.H., Tektunali H.G.), **316,** 514

Individual: V446 Her
Spectroscopy and orbital periods of the old novae V533 Herculis, V446 Herculis and X Serpentis (Thorstensen J.R., Taylor C.J.), **312,** 629

Individual: V533 Her
Spectroscopy and orbital periods of the old novae V533 Herculis, V446 Herculis and X Serpentis (Thorstensen J.R., Taylor C.J.), **312,** 629
Hubble Space Telescope imaging and ground-based spectroscopy of old nova shells – I. FH Ser, V533 Her, BT Mon, DK Lac and V476 Cyg (Gill C.D., O'Brien T.J.), **314,** 175

Individual: V652 Her
The evolution of a rapidly accreting helium white dwarf to become a low-luminosity helium star (Saio H., Jeffery C.S.), **313,** 671

Individual: Her X-1
Ginga observations of Her X-1 in the short high state: evidence for an extended emission region (Leahy D.A.), **315,** 735

Individual: EX Hya
Outbursts of EX Hydrae: mass-transfer events or disc instabilities? (Hellier C., Kemp J., Naylor T., Bateson F.M., Jones A., Overbeek D., Stubbings R., Mukai K.), **313,** 703

Individual: β Lyr
Progress on a model for β Lyrae (Linnell A.P.), **319,** 255

Individual: AU Mic
ROSAT All-Sky Survey X-ray and EUV observations of YY Gem and AU Mic (Tsikoudi V., Kellett B.J.), **319,** 1147

Individual: α Ori
Wavelength dependence of angular diameters of M giants: an observational perspective (Jacob A.P., Bedding T.R., Robertson J.G., Scholz M.), **312,** 733

Individual: ι Ori
Coordinated monitoring of the eccentric O-star binary Iota Orionis: optical spectroscopy and photometry (Marchenko S.V. et al.), **317,** 333

Individual: Iota Orionis (HD 37043)
Coordinated monitoring of the eccentric O-star binary Iota Orionis: the X-ray analysis (Pittard J.M., Stevens I.R., Corcoran M.F., Gayley K.G., Marchenko S.V., Rauw G.), **319,** 137

Individual: U Ori
Modelling near-IR spectra and mid-IR dust emission of Mira variables at different phases (Lobel A., Bagnulo S., Doyle J.G., Power C.), **317,** 391

Individual: AR Pav
A photometric study of the eclipsing symbiotic binary AR Pavonis (Skopal A., Djurašević G., Jones A., Drechsel H., Rovithis-Livaniou H., Rovithis P.), **311,** 225

Individual: EF Peg
J-band spectroscopy of cataclysmic variables (Littlefair S.P., Dhillon V.S., Howell S.B., Ciardi D.R.), **313,** 117

Individual: IP Peg
Spiral structure in IP Pegasi: how persistent is it? (Morales-Rueda L., Marsh T.R., Billington I.), **313,** 454
Eclipse maps of spiral shocks in the accretion disc of IP Pegasi in outburst (Baptista R., Harlaftis E.T., Steeghs D.), **314,** 727
A TiO study of the dwarf nova IP Pegasi (Beekman G., Somers M., Naylor T., Hellier C.), **318,** 9

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Individual: TW Pic
The nature of TW Pictoris (Norton A.J., Beardmore A.P., Retter A., Buckley D.A.H.), **312,** 362

Individual: CP Pup
Thermal stability and nova cycles in permanent superhump systems (Retter A., Naylor T.), **319,** 510

Individual: V348 Pup
Superhumps in V348 Pup (Rolfe D.J., Haswell C.A., Patterson J.), **317,** 759

Individual: XX Pyx
Delta Scuti Network observations of XX Pyx: detection of 22 pulsation modes and of short-term amplitude and frequency variations (Handler G. et al.), **318,** 511

Individual: V Sge
UV spectroscopy of the peculiar binary V Sagittae in a low state (Wood J.H., Lockley J.J.), **313,** 789

Individual: WZ Sge
J-band spectroscopy of cataclysmic variables (Littlefair S.P., Dhillon V.S., Howell S.B., Ciardi D.R.), **313,** 117
Investigating the structure of the accretion disc in WZ Sge from multiwaveband time-resolved spectroscopic observations – I (Skidmore W., Mason E., Howell S.B., Ciardi D.R., Littlefair S., Dhillon V.S.), **318,** 429
Investigating the structure of the accretion disc in WZ Sge from multiwaveband time-resolved spectroscopic observations – II (Mason E., Skidmore W., Howell S.B., Ciardi D.R., Littlefair S., Dhillon V.S.), **318,** 440

Individual: V1223 Sgr
The multi-temperature X-ray spectrum of the intermediate polar V1223 Sagittarii (Beardmore A.P., Osborne J.P., Hellier C.), **315,** 307

Individual: V4334 Sgr
The continuing saga of Sakurai's object (V4334 Sgr): dust production and helium line emission (Tyne V.H., Eyres S.P.S., Geballe T.R., Evans A., Smalley B., Duerbeck H.W., Asplund M.), **315,** 595

Individual: Sco X-1
The timing properties of Sco X-1 along its Z track with *EXOSAT* (Dieters S.W., van der Klis M.), **311,** 201
The harmonic and sideband structure of the kilohertz quasi-periodic oscillations in Sco X-1 (Méndez M., van der Klis M.), **318,** 938

Individual: FH Ser
Hubble Space Telescope imaging and ground-based spectroscopy of old nova shells – I. FH Ser, V533 Her, BT Mon, DK Lac and V476 Cyg (Gill C.D., O'Brien T.J.), **314,** 175

Individual: X Ser
Spectroscopy and orbital periods of the old novae V533 Herculis, V446 Herculis and X Serpentis (Thorstensen J.R., Taylor C.J.), **312,** 629

Individual: α Tau
The outer atmosphere of α Tau – III. Inhomogeneities deduced from cold CO fluorescence (McMurry A.D., Jordan C.), **313,** 423

Individual: PZ Tel
Doppler images from dual-site observations of southern rapidly rotating stars – I. Differential rotation on PZ Tel (Barnes J.R., Collier Cameron A., James D.J., Donati J.-F.), **314,** 162

Individual: RT TrA
The carbon Cepheid RT Trianguli Australis: additional evidence of triple-α and CNO cycling (Wallerstein G., Matt S., Gonzalez G.), **311,** 414

Individual: U TrA
The carbon Cepheid RT Trianguli Australis: additional evidence of triple-α and CNO cycling (Wallerstein G., Matt S., Gonzalez G.), **311,** 414

Individual: EG UMa
Observations of the post-common-envelope binaries EG UMa and PG 1026 + 002 (Bleach J.N., Wood J.H., Catalán M.S., Welsh W.F., Robinson E.L., Skidmore W.), **312,** 70

Individual: TY UMa
A photometric study of the contact binaries V523 Cas and TY UMa (Lister T.A., McDermid R.M., Hilditch R.W.), **317,** 111

Individual: γ^2 Vel
ASCA spectroscopy of the hard X-ray emission from the colliding wind interaction in γ^2 Velorum (Rauw G., Stevens I.R., Pittard J.M., Corcoran M.F.), **316,** 129

Individual: κ Vel (HD 81188)
κ Velorum: another variable interstellar sightline? (Crawford I.A., Howarth I.D., Ryder S.D., Stathakis R.A.), **319,** L1

Individual: QQ Vul
Multi-epoch Doppler tomography and polarimetry of QQ Vul (Schwope A.D., Catalán M.S., Beuermann K., Metzner A., Smith R.C., Steeghs D.), **313,** 533

Individual: 1E 1048.1–5937
Differences between the two anomalous X-ray pulsars: variations in the spin-down rate of 1E 1048.1–5937 and an extended interval of quiet spin-down in 1E 2259 + 586 (Baykal A., Strohmayer T., Swank J., Alpar M.A., Stark M.J.), **319,** 205

Individual: 1E 2259 + 586
Differences between the two anomalous X-ray pulsars: variations in the spin-down rate of 1E 1048.1–5937 and an extended interval of quiet spin-down in 1E 2259 + 586 (Baykal A., Strohmayer T., Swank J., Alpar M.A., Stark M.J.), **319,** 205

Individual: B416
Periodic microvariation of B416, a new luminous blue variable in M33 (Shemmer O., Leibowitz E.M., Szkody P.), **311,** 698

Individual: Betelgeuse
New views of Betelgeuse: multi-wavelength surface imaging and implications for models of hotspot generation (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Lawson P.R., Mackay C.D., Pearson D., Rogers J., St.-Jacques D., Warner P.J., Wilson D.M.A., Wilson R.W.), **315,** 635

Individual: CD-24 7599
Delta Scuti Network observations of XX Pyx: detection of 22 pulsation modes and of short-term amplitude and frequency variations (Handler G. et al.), **318,** 511

Individual: Crab pulsar
Very-high-energy gamma radiation associated with the unshocked wind of the Crab pulsar (Bogovalov S.V., Aharonian F.A.), **313,** 504

Individual: EUVE 2115–58.6
Simultaneous optical polarimetry and X-ray data of the near-synchronous polar RX J2115–5840 (Ramsay G., Potter S., Cropper M., Buckley D.A.H., Harrop-Allin M.K.), **316,** 225

Individual: G29-38
Non-linear behaviour of the pulsating white dwarf G29-38 – I. Evolution of the temporal spectrum (Vuille F.), **313,** 170
Non-linear behaviour of the pulsating white dwarf G29-38 – II. Analysis of the phase spectrum (Vuille F.), **313,** 179

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Non-linear behaviour of the pulsating white dwarf G29-38 – III. Relative amplitudes of the cross-frequencies (Vuille F., Brassard P.), **313,** 185
Surface motion in the pulsating DA white dwarf G29-38 (van Kerkwijk M.H., Clemens J.C., Wu Y.), **314,** 209
Mode identification from time-resolved spectroscopy of the pulsating white dwarf G29-38 (Clemens J.C., van Kerkwijk M.H., Wu Y.), **314,** 220

Individual: GD 358
Normal modes and discovery of high-order cross-frequencies in the DBV white dwarf GD 358 (Vuille F. et al.), **314,** 689

Individual: GRO J0422 + 32
A TiO study of the black hole binary GRO J0422 + 32 in a very low state (Webb N.A., Naylor T., Ioannou Z., Charles P.A., Shahbaz T.), **317,** 528

Individual: GRO J1655–40
Black hole transients and the Eddington limit (King A.R.), **312,** L39
Discovery of a red- and blueshifted iron disc line in the Galactic jet source GRO J1655–40 (Bałucińska-Church M., Church M.J.), **312,** L55

Individual: X-ray Nova Sco 1994 (GRO J1655–40)
Irradiation of the secondary star in X-ray Nova Scorpii 1994 (= GRO J1655–40) (Shahbaz T., Groot P., Phillips S.N., Casares J., Charles P.A., van Paradijs J.), **314,** 747

Individual: GRS 1915 + 105
Excess submillimetre emission from GRS 1915 + 105 (Ogley R.N., Bell Burnell S.J., Fender R.P., Pooley G.G., Waltman E.B.), **317,** 158
Giant repeated ejections from GRS 1915 + 105 (Fender R.P., Pooley G.G.), **318,** L1

Individual: GS 1826–24
X-ray/optical bursts from GS 1826–24 (Kong A.K.H., Homer L., Kuulkers E., Charles P.A., Smale A.P.), **311,** 405

Individual: GX 5–1
The infrared counterpart of the Z source GX 5–1 (Jonker P.G., Fender R.P., Hambly N.C., van der Klis M.), **315,** L57

Individual: GX 339–4
The 'off' state of GX 339–4 (Kong A.K.H., Kuulkers E., Charles P.A., Homer L.), **312,** L49
Are there three peaks in the power spectra of GX 339–4 and Cyg X-1? (Nowak M.A.), **318,** 361

Individual: HD 6628
The southern active-chromosphere star HD 6628 (Watson L.C., Hearnshaw J.B., Pollard K.R., Kilmartin P.M., Gilmore A.C.), **315,** 69

Individual: HD 36486
Detection of a variable interstellar absorption component towards δ Orionis A (Price R.J., Crawford I.A., Barlow M.J.), **312,** L43

Individual: HD 36705
Comparisons of images derived from independent Zeeman Doppler imaging codes (Hussain G.A.J., Donati J.-F., Collier Cameron A., Barnes J.R.), **318,** 961

Individual: HD 56126
Ultra-high-resolution observations of circumstellar K I and C_2 around the post-AGB star HD 56126 (Crawford I.A., Barlow M.J.), **311,** 370

Individual: HD 61396
Optical, X-ray and radio observations of HD 61396: a probable new RS CVn-type binary (Padmakar, Singh K.P., Drake S.A., Pandey S.K.), **314,** 733

Individual: HD 82558
Magnetic cycle of LQ Hydrae: observational indications and dynamo model (Kitchatinov L.L., Jardine M., Donati J.-F.), **318,** 1171

Individual: HD 83206
High-resolution optical spectroscopy of the sharp-lined B-type star HD 83206 (Lehner N., Dufton P.L., Lambert D.L., Ryans R.S.I., Keenan F.P.), **314,** 199

Individual: HD 101065
Abundances in Przybylski's star (Cowley C.R., Ryabchikova T., Kupka F., Bord D.J., Mathys G., Bidelman W.P.), **317,** 299

Individual: HD 109648
Studies of multiple stellar systems – III. Modulation of orbital elements in the triple-lined system HD 109648 (Jha S., Torres G., Stefanik R.P., Latham D.W., Mazeh T.), **317,** 375

Individual: HD 183143
The diffuse interstellar bands: a dipole–bound state hypothesis (Sarre P.J.), **313,** L14

Individual: HD 188209
The spectral variations of the O-type runaway supergiant HD 188209 (Israelian G., Herrero A., Musaev F., Kaufer A., Galeev A., Galazutdinov G., Santolaya-Rey E.), **316,** 407

Individual: HR 2030
Composite spectra, Paper 10: the equal-mass binary HR 2030 (K0 IIb + B8 IV) (Griffin R.E.M., Griffin R.F.), **319,** 1094

Individual: HR 3831
Time-series spectroscopy of the rapidly oscillating Ap star HR 3831 (Baldry I.K., Bedding T.R.), **318,** 341

Individual: HR 5983
Composite spectra, Paper 9: HR 5983 (Griffin R.E.M., Griffin R.F.), **312,** 225

Individual: IRAS 12311–3509
IRAS 12311–3509: a carbon star with SiC_2 emission (Lloyd Evans T., Hurst M.E., Sarre P.J.), **319,** 111

Individual: IRC + 10216
Large molecules in the envelope surrounding IRC + 10216 (Millar T.J., Herbst E., Bettens R.P.A.), **316,** 195

Individual: KPD 1930 + 2752
KPD 1930 + 2752: a candidate Type Ia supernova progenitor (Maxted P.F.L., Marsh T.R., North R.C.), **317,** L41

Individual: KPD 2109 + 4401
Radial velocities of pulsating subdwarf B stars: KPD 2109 + 4401 and PB 8783 (Jeffery C.S., Pollacco D.), **318,** 974

Individual: LMC X-2
Searching for periodicities in the MACHO light curve of LMC X-2 (Alcock C. et al.), **316,** 729

Individual: LS I + 61° 235
Correlated *V/R* and infrared photometric variations in the Be/X-ray binary LS I + 61° 235/RX J0146.9 + 6121 (Reig P., Negueruela I., Coe M.J., Fabregat J., Tarasov A.E., Zamanov R.K.), **317,** 205

Individual: PB 8783
Radial velocities of pulsating subdwarf B stars: KPD 2109 + 4401 and PB 8783 (Jeffery C.S., Pollacco D.), **318,** 974

Individual: PG 0940 + 068
Orbital periods of the binary sdB stars PG 0940 + 068 and PG 1247 + 554 (Maxted P.F.L., Moran C.K.J., Marsh T.R., Gatti A.A.), **311,** 877

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Individual: PG 1026 + 002
Observations of the post-common-envelope binaries EG UMa and PG 1026 + 002 (Bleach J.N., Wood J.H., Catalán M.S., Welsh W.F., Robinson E.L., Skidmore W.), **312,** 70

Individual: PG 1247 + 554
Orbital periods of the binary sdB stars PG 0940 + 068 and PG 1247 + 554 (Maxted P.F.L., Moran C.K.J., Marsh T.R., Gatti A.A.), **311,** 877

Individual: REJ 0503–289
The discovery of photospheric nickel in the hot DO white dwarf REJ 0503–289 (Barstow M.A., Dreizler S., Holberg J.B., Finley D.S., Werner K., Hubeny I., Sion E.M.), **314,** 109

Individual: RE J1255 + 266
Observations of the extreme-ultraviolet transient RE J1255 + 266: a short outburst of a WZ Sge system? (Wheatley P.J., Burleigh M.R., Watson M.G.), **317,** 343

Individual: RX J1141.3–6410
Polarimetry and spectroscopy of RX J1141.3–6410: a single-pole AM Her system (Buckley D.A.H., Cropper M., van der Heyden K., Potter S.B., Wickramasinghe D.T.), **318,** 187

Individual: RX J1508.6–4423
Surface differential rotation and prominences of the Lupus post T Tauri star RX J1508.6–4423 (Donati J.-F., Mengel M., Carter B.D., Marsden S., Collier Cameron A., Wichmann R.), **316,** 699

Individual: RX J1914 + 24
Detection of the optical counterpart of the proposed double degenerate polar RX J1914 + 24 (Ramsay G., Cropper M., Wu K., Mason K.O., Hakala P.), **311,** 75

Individual: RX J2115–5840
Simultaneous optical polarimetry and X-ray data of the near-synchronous polar RX J2115–5840 (Ramsay G., Potter S., Cropper M., Buckley D.A.H., Harrop-Allin M.K.), **316,** 225

Individual: Sakurai's object
The continuing saga of Sakurai's object (V4334 Sgr): dust production and helium line emission (Tyne V.H., Eyres S.P.S., Geballe T.R., Evans A., Smalley B., Duerbeck H.W., Asplund M.), **315,** 595

Individual: WD 1704 + 481
The triple degenerate star WD 1704 + 481 (Maxted P.F.L., Marsh T.R., Moran C.K.J., Han Z.), **314,** 334

Individual: WD 1953–011
WD 1953–011: a magnetic white dwarf with peculiar field structure (Maxted P.F.L., Ferrario L., Marsh T.R., Wickramasinghe D.T.), **315,** L41

Individual: WR 42
Modelling the spectra of colliding winds in the Wolf–Rayet WC7 + O binaries WR 42 and WR 79 (Hill G.M., Moffat A.F.J., St-Louis N., Bartzakos P.), **318,** 402

Individual: WR 79
Modelling the spectra of colliding winds in the Wolf–Rayet WC7 + O binaries WR 42 and WR 79 (Hill G.M., Moffat A.F.J., St-Louis N., Bartzakos P.), **318,** 402

Individual: WR 86
Non-thermal emission in Wolf–Rayet stars: are massive companions required? (Dougherty S.M., Williams P.M.), **319,** 1005

Individual: WR 104
Spectroscopy of WC9 Wolf–Rayet stars: a search for companions (Williams P.M., van der Hucht K.A.), **314,** 23

Individual: WR 146
WR 146 – observing the OB-type companion (Dougherty S.M., Williams P.M., Pollacco D.L.), **316,** 143

Individual: XTE J1118 + 480
Magnetic flares and the optical variability of the X-ray transient XTE J1118 + 480 (Merloni A., Di Matteo T., Fabian A.C.), **318,** L15

Individual: XTE J1748–288
RXTE observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **312,** 151
Erratum: *RXTE* observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **315,** 655

Individual: XTE J2123–058
Optical studies of the X-ray transient XTE J2123–058 – I. Photometry (Zurita C., Casares J., Shahbaz T., Charles P.A., Hynes R.I., Shugarov S., Goransky V., Pavlenko E.P., Kuznetsova Y.), **316,** 137

Interiors
The evolution of iron-core white dwarfs (Panei J.A., Althaus L.G., Benvenuto O.G.), **312,** 531
Galactic globular clusters as a test for very-low-mass stellar models (Cassisi S., Castellani V., Ciarcelluti P., Piotto G., Zoccali M.), **315,** 679
Seismic study of stellar convective regions: the base of the convective envelope in low-mass stars (Monteiro M.J.P.F.G., Christensen-Dalsgaard J., Thompson M.J.), **316,** 165
Lithium depletion in G and K dwarfs (Umezu M., Saio H.), **316,** 307
On a physical mechanism for extra mixing in globular cluster red giants (Denissenkov P.A., Tout C.A.), **316,** 395
Diffusion in helium white dwarf stars (Althaus L.G., Benvenuto O.G.), **317,** 952
The mass dependence of the overshooting parameter determined from eclipsing binary data (Ribas I., Jordi C., Giménez Á.), **318,** L55

Kinematics
OB association members in the ACT and TRC catalogues (Hoogerwerf R.), **313,** 43
The local solar motion and the scalelength of the Galactic disc (Feast M.), **313,** 596
A dynamical model of the inner Galaxy (Häfner R., Evans N.W., Dehnen W., Binney J.), **314,** 433
Stellar dynamics in the Galactic Centre: proper motions and anisotropy (Genzel R., Pichon C., Eckart A., Gerhard O.E., Ott T.), **317,** 348
The age of the solar neighbourhood (Binney J., Dehnen W., Bertelli G.), **318,** 658
Hipparcos parallaxes for Mira-like long-period variables (Whitelock P., Feast M.), **319,** 759
Praesepe – two merging clusters? (Holland K., Jameson R.F., Hodgkin S., Davies M.B., Pinfield D.), **319,** 956

Late-type
Colliding winds in V1016 Cygni (Watson S.K., Eyres S.P.S., Davis R.J., Bode M.F., Richards A.M.S., Kenny H.T.), **311,** 449
The *ROSAT* International X-ray/Optical Survey (RIXOS): source catalogue (Mason K.O. et al.), **311,** 456
Rapidly oscillating M giant stars? (Koen C., Laney D.), **311,** 636
Doppler images from dual-site observations of southern rapidly rotating stars – I. Differential rotation on PZ Tel (Barnes J.R., Collier Cameron A., James D.J., Donati J.-F.), **314,** 162
Photometric modelling of starspots – II. The FORTRAN code SPOTPIC (Amado P.J., Doyle J.G., Byrne P.B.), **314,** 489
Optical, X-ray and radio observations of HD 61396: a probable new RS CVn-type binary (Padmakar, Singh K.P., Drake S.A., Pandey S.K.), **314,** 733
Chromospheric activity in the late A- and early F-type stars of open clusters – II. Pleiades and Alpha Persei (Rachford B.L.), **315,** 24

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New views of Betelgeuse: multi-wavelength surface imaging and implications for models of hotspot generation (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Lawson P.R., Mackay C.D., Pearson D., Rogers J., St.-Jacques D., Warner P.J., Wilson D.M.A., Wilson R.W.), **315,** 635
Surface differential rotation and prominences of the Lupus post T Tauri star RX J1508.6–4423 (Donati J.-F., Mengel M., Carter B.D., Marsden S., Collier Cameron A., Wichmann R.), **316,** 699
Low-mass spectroscopic binaries in the Hyades: a candidate brown dwarf companion (Reid I.N., Mahoney S.), **316,** 827
Rotation and activity in the solar-type stars of NGC 2547 (Jeffries R.D., Totten E.J., James D.J.), **316,** 950
A photometric study of the contact binaries V523 Cas and TY UMa (Lister T.A., McDermid R.M., Hilditch R.W.), **317,** 111
A TiO study of the black hole binary GRO J0422 + 32 in a very low state (Webb N.A., Naylor T., Ioannou Z., Charles P.A., Shahbaz T.), **317,** 528
Angular diameter and effective temperature of a sample of 15 M giants at 2.2 μm from lunar occultation observations (Tej A., Chandrasekhar T.), **317,** 687
The role of non-thermal electrons in the optical continuum of stellar flares (Ding M.D., Fang C.), **317,** 867
Comparisons of images derived from independent Zeeman Doppler imaging codes (Hussain G.A.J., Donati J.-F., Collier Cameron A., Barnes J.R.), **318,** 961
Magnetic cycle of LQ Hydrae: observational indications and dynamo model (Kitchatinov L.L., Jardine M., Donati J.-F.), **318,** 1171
X-ray emission from nearby M-dwarfs: the super-saturation phenomenon (James D.J., Jardine M.M., Jeffries R.D., Randich S., Collier Cameron A., Ferreira M.), **318,** 1217
X-ray source populations in the region of the open clusters NGC 6633 and IC 4756 (Briggs K.R., Pye J.P., Jeffries R.D., Totten E.J.), **319,** 826
Simultaneous *ROSAT* XRT and WFC observations of a sample of active dwarf stars (Tsikoudi V., Kellett B.J., Schmitt J.H.M.M.), **319,** 1136
ROSAT All-Sky Survey X-ray and EUV observations of YY Gem and AU Mic (Tsikoudi V., Kellett B.J.), **319,** 1147

Low-mass, brown dwarfs
Two nearby M dwarf binaries from the Two Micron All Sky Survey (Gizis J.E., Monet D.G., Reid I.N., Kirkpatrick J.D., Burgasser A.J.), **311,** 385
A six-square-degree survey for Pleiades low-mass stars and brown dwarfs (Pinfield D.J., Hodgkin S.T., Jameson R.F., Cossburn M.R., Hambly N.C., Devereux N.), **313,** 347
IZ photometry of L dwarfs and the implications for brown dwarf surveys (Steele I.A., Howells L.), **313,** L43
Predicting the properties of binary stellar systems: the evolution of accreting protobinary systems (Bate M.R.), **314,** 33
A population of very young brown dwarfs and free-floating planets in Orion (Lucas P.W., Roche P.F.), **314,** 858
Low-mass spectroscopic binaries in the Hyades: a candidate brown dwarf companion (Reid I.N., Mahoney S.), **316,** 827
Observations of the extreme-ultraviolet transient RE J1255 + 266: a short outburst of a WZ Sge system? (Wheatley P.J., Burleigh M.R., Watson M.G.), **317,** 343
Rotation, planets, and the 'second parameter' of the horizontal branch (Soker N., Harpaz A.), **317,** 861
On the late spectral types of cataclysmic variable secondaries (Baraffe I., Kolb U.), **318,** 354
High proper motion stars in Kapteyn Selected Area 94 (Cooke J.A., Reid I.N.), **318,** 1206
Differences between the two anomalous X-ray pulsars: variations in the spin-down rate of 1E 1048.1–5937 and an extended interval of quiet spin-down in 1E 2259 + 586 (Baykal A., Strohmayer T., Swank J., Alpar M.A., Stark M.J.), **319,** 205

Luminosity function, mass function
Two stellar mass functions combined into one by the random sampling model of the initial mass function (Elmegreen B.G.), **311,** L5
On the baseline flux determination of microlensing events detectable with the difference image analysis method (Han C.), **312,** 807
Predicting the properties of binary stellar systems: the evolution of accreting protobinary systems (Bate M.R.), **314,** 33
Evolution of multimass globular clusters in the Galactic tidal field with the effects of velocity anisotropy (Takahashi K., Lee H.M.), **316,** 671
High proper motion stars in Kapteyn Selected Area 94 (Cooke J.A., Reid I.N.), **318,** 1206

Magnetic fields
Spectropolarimetric measurements of magnetic Ap and Bp stars in all four Stokes parameters (Wade G.A., Donati J.-F., Landstreet J.D., Shorlin S.L.S.), **313,** 823
High-precision magnetic field measurements of Ap and Bp stars (Wade G.A., Donati J.-F., Landstreet J.D., Shorlin S.L.S.), **313,** 851
Dynamo action and the period gap in cataclysmic variables (Lanza A.F., Rodonò M., Rosner R.), **314,** 398
WD 1953–011: a magnetic white dwarf with peculiar field structure (Maxted P.F.L., Ferrario L., Marsh T.R., Wickramasinghe D.T.), **315,** L41
Simultaneous optical polarimetry and X-ray data of the near-synchronous polar RX J2115–5840 (Ramsay G., Potter S., Cropper M., Buckley D.A.H., Harrop-Allin M.K.), **316,** 225
A model of slingshot prominences in rapidly rotating stars (Ferreira J.M.), **316,** 647
Non-linear magnetic diffusivity in mean-field electrodynamics (Urpin V., Brandenburg A.), **316,** 684
Surface differential rotation and prominences of the Lupus post T Tauri star RX J1508.6–4423 (Donati J.-F., Mengel M., Carter B.D., Marsden S., Collier Cameron A., Wichmann R.), **316,** 699
The magnetosphere of an oscillating neutron star. Non-vacuum treatment (Timokhin A.N., Bisnovatyi-Kogan G.S., Spruit H.C.), **316,** 734
Accretion disc–stellar magnetosphere interaction: field line inflation and the effect on the spin-down torque (Agapitou V., Papaloizou J.C.B.), **317,** 273
Gravitational radiation from strongly magnetized white dwarfs (Heyl J.S.), **317,** 310
Coronal activity from dynamos in astrophysical rotators (Blackman E.G., Field G.B.), **318,** 724
Comparisons of images derived from independent Zeeman Doppler imaging codes (Hussain G.A.J., Donati J.-F., Collier Cameron A., Barnes J.R.), **318,** 961
Magnetic cycle of LQ Hydrae: observational indications and dynamo model (Kitchatinov L.L., Jardine M., Donati J.-F.), **318,** 1171
A comparison of the rotational properties of T Tauri stars in Orion and Taurus (Clarke C.J., Bouvier J.), **319,** 457
Magnetic perturbations to the acoustic modes of roAp stars (Cunha M.S., Gough D.), **319,** 1020

Mass-loss
Herbig–Haro flows near compact reflection nebulae (Aspin C., Reipurth B.), **311,** 522
High-resolution spectroscopy and broad-band imaging of the young planetary nebula K 3-35 (Miranda L.F., Fernández M., Alcalá J.M., Guerrero M.A., Anglada G., Gómez Y., Torrelles J.M., Aaquist O.B.), **311,** 748
Dust formation and inhomogeneous mass-loss from asymptotic giant branch stars (Soker N.), **312,** 217
HST ultraviolet observations of rapid variability in the accretion-disc wind of BZ Cam (Prinja R.K., Ringwald F.A., Wade R.A., Knigge C.), **312,** 316
The variability of Magellanic cluster infrared stars (Nishida S., Tanabé T., Nakada Y., Matsumoto S., Sekiguchi K., Glass I.S.), **313,** 136
On the magnetohydrodynamic decollimation in compact objects (Beskin V.S., Okamoto I.), **313,** 445
Spiral structure in IP Pegasi: how persistent is it? (Morales-Rueda L., Marsh T.R., Billington I.), **313,** 454

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UV spectroscopy of the peculiar binary V Sagittae in a low state (Wood J.H., Lockley J.J.), **313,** 789
Comprehensive analytic formulae for stellar evolution as a function of mass and metallicity (Hurley J.R., Pols O.R., Tout C.A.), **315,** 543
Synthetic line profiles of rotationally distorted hot-star winds (Harries T.J.), **315,** 722
Cooling curves and initial models for low-mass white dwarfs (< 0.25 $M_\odot$) with helium cores (Sarna M.J., Ergma E., Gerškevitš-Antipova J.), **316,** 84
ASCA spectroscopy of the hard X-ray emission from the colliding wind interaction in γ^2 Velorum (Rauw G., Stevens I.R., Pittard J.M., Corcoran M.F.), **316,** 129
The spectral variations of the O-type runaway supergiant HD 188209 (Israelian G., Herrero A., Musaev F., Kaufer A., Galeev A., Galazutdinov G., Santolaya-Rey E.), **316,** 407
Acceleration and collimation of magnetized winds (Okamoto I.), **318,** 250
Episodic absorption in the outflow of the old nova V603 Aquilae (Prinja R.K., Knigge C., Ringwald F.A., Wade R.A.), **318,** 368
Modelling the spectra of colliding winds in the Wolf–Rayet WC7 + O binaries WR 42 and WR 79 (Hill G.M., Moffat A.F.J., St-Louis N., Bartzakos P.), **318,** 402
A disc-wind model with correct crossing of all magnetohydrodynamic critical surfaces (Vlahakis N., Tsinganos K., Sauty C., Trussoni E.), **318,** 417
Asymmetry and inhomogeneity in proto- and young planetary nebulae (Soker N.), **318,** 1017

Neutron
The timing properties of Sco X-1 along its Z track with *EXOSAT* (Dieters S.W., van der Klis M.), **311,** 201
Polarization evolution in strong magnetic fields (Heyl J.S., Shaviv N.J.), **311,** 555
The Parkes Multibeam Pulsar Survey: PSR J1811–1736, a pulsar in a highly eccentric binary system (Lyne A.G., Camilo F., Manchester R.N., Bell J.F., Kaspi V.M., D'Amico N., McKay N.P.F., Crawford F., Morris D.J., Sheppard D.C., Stairs I.H.), **312,** 698
The effect of the neutron-star crust on the evolution of a core magnetic field (Konenkov D., Geppert U.), **313,** 66
Radiative precession of an isolated neutron star (Melatos A.), **313,** 217
Non-linear hydrodynamical evolution of rotating relativistic stars: numerical methods and code tests (Font J.A., Stergioulas N., Kokkotas K.D.), **313,** 678
The possible role of r-modes in post-glitch relaxation of the Crab pulsar (Rezania V., Jahan-Miri M.), **315,** 263
Hydrodynamic simulations of the Bardeen–Petterson effect (Nelson R.P., Papaloizou J.C.B.), **315,** 570
Ginga observations of Her X-1 in the short high state: evidence for an extended emission region (Leahy D.A.), **315,** 735
A study of subpulse phase correlation across nulls in PSR B0031–07 (Joshi B.C., Vivekanand M.), **316,** 716
The magnetosphere of an oscillating neutron star. Non-vacuum treatment (Timokhin A.N., Bisnovatyi-Kogan G.S., Spruit H.C.), **316,** 734
Quasars: a supermassive rotating toroidal black hole interpretation (Spivey R.J.), **316,** 856
Influence of the r-mode instability on hypercritically accreting neutron stars (Yoshida S., Eriguchi Y.), **316,** 917
On the optical light curves of afterglows from jetted gamma-ray burst ejecta: effects of parameters (Huang Y.F., Dai Z.G., Lu T.), **316,** 943
A numerical study of the r-mode instability of rapidly rotating nascent neutron stars (Yoshida S., Karino S., Yoshida S., Eriguchi Y.), **316,** L1
Accretion disc–stellar magnetosphere interaction: field line inflation and the effect on the spin-down torque (Agapitou V., Papaloizou J.C.B.), **317,** 273
Glitches in southern pulsars (Wang N., Manchester R.N., Pace R.T., Bailes M., Kaspi V.M., Stappers B.W., Lyne A.G.), **317,** 843
Newtonian hydrodynamics of the coalescence of black holes with neutron stars – III. Irrotational binaries with a stiff equation of state (Lee W.H.), **318,** 606
The harmonic and sideband structure of the kilohertz quasi-periodic oscillations in Sco X-1 (Méndez M., van der Klis M.), **318,** 938
The γ-ray burst phenomenon treated as the collapse of a QED magnetized vacuum bubble: analogy with sonoluminescence (Gnedin Yu.N., Kiikov S.O.), **318,** 1277
Deformations of accreting neutron star crusts and gravitational wave emission (Ushomirsky G., Cutler C., Bildsten L.), **319,** 902

Novae, cataclysmic variables
Detection of the optical counterpart of the proposed double degenerate polar RX J1914 + 24 (Ramsay G., Cropper M., Wu K., Mason K.O., Hakala P.), **311,** 75
A spectroscopic study of V603 Aquilae: stellar parameters and continuum–line variations (Arenas J., Catalán M.S., Augusteijn T., Retter A.), **311,** 135
Propeller spin-down and the non-thermal emission from AE Aquarii (Meintjes P.J., de Jager O.C.), **311,** 611
RXTE observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **312,** 151
HST ultraviolet observations of rapid variability in the accretion-disc wind of BZ Cam (Prinja R.K., Ringwald F.A., Wade R.A., Knigge C.), **312,** 316
The nature of TW Pictoris (Norton A.J., Beardmore A.P., Retter A., Buckley D.A.H.), **312,** 362
Spectroscopy and orbital periods of the old novae V533 Herculis, V446 Herculis and X Serpentis (Thorstensen J.R., Taylor C.J.), **312,** 629
J-band spectroscopy of cataclysmic variables (Littlefair S.P., Dhillon V.S., Howell S.B., Ciardi D.R.), **313,** 117
A mystery solved: the mass ratio of the dwarf nova EM Cygni (North R.C., Marsh T.R., Moran C.K.J., Kolb U., Smith R.C., Stehle R.), **313,** 383
Spiral structure in IP Pegasi: how persistent is it? (Morales-Rueda L., Marsh T.R., Billington I.), **313,** 454
Multi-epoch Doppler tomography and polarimetry of QQ Vul (Schwope A.D., Catalán M.S., Beuermann K., Metzner A., Smith R.C., Steeghs D.), **313,** 533
Outbursts of EX Hydrae: mass-transfer events or disc instabilities? (Hellier C., Kemp J., Naylor T., Bateson F.M., Jones A., Overbeek D., Stubbings R., Mukai K.), **313,** 703
Nova outbursts on rotating oblate white dwarfs (Scott A.D.), **313,** 775
Hubble Space Telescope imaging and ground-based spectroscopy of old nova shells – I. FH Ser, V533 Her, BT Mon, DK Lac and V476 Cyg (Gill C.D., O'Brien T.J.), **314,** 175
Dynamo action and the period gap in cataclysmic variables (Lanza A.F., Rodonò M., Rosner R.), **314,** 398
Determining the mass of the accreting white dwarf in magnetic cataclysmic variables using *RXTE* data (Ramsay G.), **314,** 403
Disc instability models for X-ray transients: evidence for evaporation and low α-viscosity? (Menou K., Hameury J.-M., Lasota J.-P., Narayan R.), **314,** 498
Stokes imaging of the AM Her system ST LMi (Potter S.B.), **314,** 672
Spatially resolved spectra of the accretion disc of the nova-like variable UU Aquarii (Baptista R., Silveira C., Steiner J.E., Horne K.), **314,** 713
Eclipse maps of spiral shocks in the accretion disc of IP Pegasi in outburst (Baptista R., Harlaftis E.T., Steeghs D.), **314,** 727
Infrared spectroscopy of cataclysmic variables – III. Dwarf novae below the period gap and nova-like variables (Dhillon V.S., Littlefair S.P., Howell S.B., Ciardi D.R., Harrop-Allin M.K., Marsh T.R.), **314,** 826
The precession of eccentric discs in close binaries (Murray J.R.), **314,** L1
CR Boo: the 'helium ER UMa star' with a 46.3-d supercycle (Kato T., Nogami D., Baba H., Hanson G., Poyner G.), **315,** 140
The multi-temperature X-ray spectrum of the intermediate polar V1223 Sagittarii (Beardmore A.P., Osborne J.P., Hellier C.), **315,** 307

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Stokes imaging of the accretion region in magnetic cataclysmic variables – II. V347 Pav (Potter S.B., Cropper M., Hakala P.J.), **315,** 423
Erratum: *RXTE* observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **315,** 655
Eccentric discs in binaries with intermediate mass ratios: superhumps in the VY Sculptoris stars (Murray J.R., Warner B., Wickramasinghe D.T.), **315,** 707
Eclipse studies of the dwarf nova EX Draconis (Baptista R., Catalán M.S., Costa L.), **316,** 529
Gravitational radiation from strongly magnetized white dwarfs (Heyl J.S.), **317,** 310
Observations of the extreme-ultraviolet transient RE J1255 + 266: a short outburst of a WZ Sge system? (Wheatley P.J., Burleigh M.R., Watson M.G.), **317,** 343
Superhumps in V348 Pup (Rolfe D.J., Haswell C.A., Patterson J.), **317,** 759
A TiO study of the dwarf nova IP Pegasi (Beekman G., Somers M., Naylor T., Hellier C.), **318,** 9
Polarimetry and spectroscopy of RX J1141.3–6410: a single-pole AM Her system (Buckley D.A.H., Cropper M., van der Heyden K., Potter S.B., Wickramasinghe D.T.), **318,** 187
On the late spectral types of cataclysmic variable secondaries (Baraffe I., Kolb U.), **318,** 354
Episodic absorption in the outflow of the old nova V603 Aquilae (Prinja R.K., Knigge C., Ringwald F.A., Wade R.A.), **318,** 368
Investigating the structure of the accretion disc in WZ Sge from multiwaveband time-resolved spectroscopic observations – I (Skidmore W., Mason E., Howell S.B., Ciardi D.R., Littlefair S., Dhillon V.S.), **318,** 429
Investigating the structure of the accretion disc in WZ Sge from multiwaveband time-resolved spectroscopic observations – II (Mason E., Skidmore W., Howell S.B., Ciardi D.R., Littlefair S., Dhillon V.S.), **318,** 440
The remnant of Nova Cassiopeiae 1993 (V705 Cassiopeiae) (Eyres S.P.S., Bode M.F., O'Brien T.J., Watson S.K., Davis R.J.), **318,** 1086
Galactic 1.275-MeV emission from ONe novae and its detectability by *INTEGRAL*/SPI (Jean P., Hernanz M., Gómez-Gomar J., José J.), **319,** 350
The outbursts of dwarf novae (Truss M.R., Murray J.R., Wynn G.A., Edgar R.G.), **319,** 467
Thermal stability and nova cycles in permanent superhump systems (Retter A., Naylor T.), **319,** 510

Oscillations

Rapidly oscillating M giant stars? (Koen C., Laney D.), **311,** 636
The multiperiodic δ Scuti star 4 Canum Venaticorum: amplitude variability (Breger M.), **313,** 129
Non-linear behaviour of the pulsating white dwarf G29-38 – I. Evolution of the temporal spectrum (Vuille F.), **313,** 170
Non-linear behaviour of the pulsating white dwarf G29-38 – II. Analysis of the phase spectrum (Vuille F.), **313,** 179
Non-linear behaviour of the pulsating white dwarf G29-38 – III. Relative amplitudes of the cross-frequencies (Vuille F., Brassard P.), **313,** 185
The evolution of a rapidly accreting helium white dwarf to become a low-luminosity helium star (Saio H., Jeffery C.S.), **313,** 671
Non-linear hydrodynamical evolution of rotating relativistic stars: numerical methods and code tests (Font J.A., Stergioulas N., Kokkotas K.D.), **313,** 678
Surface motion in the pulsating DA white dwarf G29-38 (van Kerkwijk M.H., Clemens J.C., Wu Y.), **314,** 209
Mode identification from time-resolved spectroscopy of the pulsating white dwarf G29-38 (Clemens J.C., van Kerkwijk M.H., Wu Y.), **314,** 220
The possible role of r-modes in post-glitch relaxation of the Crab pulsar (Rezania V., Jahan-Miri M.), **315,** 263
Seismic study of stellar convective regions: the base of the convective envelope in low-mass stars (Monteiro M.J.P.F.G., Christensen-Dalsgaard J., Thompson M.J.), **316,** 165
The analysis of indexed astronomical time series – VI. Covariances of amplitude ratios and phase differences estimated from multicolour photometry of a pulsating star (Koen C.), **316,** 613
The magnetosphere of an oscillating neutron star. Non-vacuum treatment (Timokhin A.N., Bisnovatyi-Kogan G.S., Spruit H.C.), **316,** 734
Influence of the r-mode instability on hypercritically accreting neutron stars (Yoshida S., Eriguchi Y.), **316,** 917
A numerical study of the r-mode instability of rapidly rotating nascent neutron stars (Yoshida S., Karino S., Yoshida S., Eriguchi Y.), **316,** L1
Semiclassical approximation for low-degree stellar p modes – I. The classical eigenfrequency equation (Roxburgh I.W., Vorontsov S.V.), **317,** 141
Semiclassical approximation for low-degree stellar p modes – II. Classical ray tracing (Roxburgh I.W., Vorontsov S.V.), **317,** 151
Surface trapping and leakage of low-frequency g modes in rotating early-type stars – I. Qualitative analysis (Townsend R.H.D.), **318,** 1
The δ Scuti star 38 o^1 Eri (Balona L.A.), **318,** 289
Time-series spectroscopy of the rapidly oscillating Ap star HR 3831 (Baldry I.K., Bedding T.R.), **318,** 341
Cyclic variations in the angular diameter of χ Cygni (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Pearson D., Rogers J., St-Jacques D., Warner P.J., Wilson D.M.A.), **318,** 381
Delta Scuti Network observations of XX Pyx: detection of 22 pulsation modes and of short-term amplitude and frequency variations (Handler G. et al.), **318,** 511
The harmonic and sideband structure of the kilohertz quasi-periodic oscillations in Sco X-1 (Méndez M., van der Klis M.), **318,** 938
Radial velocities of pulsating subdwarf B stars: KPD 2109 + 4401 and PB 8783 (Jeffery C.S., Pollacco D.), **318,** 974
Surface trapping and leakage of low-frequency g modes in rotating early-type stars – II. Global analysis (Townsend R.H.D.), **319,** 289
Mode identification using equivalent width variation of Balmer lines (Balona L.A.), **319,** 606
Hipparcos parallaxes for Mira-like long-period variables (Whitelock P., Feast M.), **319,** 759
Magnetic perturbations to the acoustic modes of roAp stars (Cunha M.S., Gough D.), **319,** 1020

Planetary systems

No molecular gas around nearby solar-type stars (Greaves J.S., Coulson I.M., Holland W.S.), **312,** L1
Optical, infrared and millimetre-wave properties of Vega-like systems – IV. Observations of a new sample of candidate Vega-like sources (Sylvester R.J., Mannings V.), **313,** 73
On the migration of a system of protoplanets (Kley W.), **313,** L47
On the orbital evolution and growth of protoplanets embedded in a gaseous disc (Papaloizou J.C.B., Larwood J.D.), **315,** 823
A search for protoplanetary discs around millisecond pulsars (Greaves J.S., Holland W.S.), **316,** L21
The host stars of extrasolar planets have normal lithium abundances (Ryan S.G.), **316,** L35
Space-borne global astrometric surveys: the hunt for extrasolar planets (Lattanzi M.G., Spagna A., Sozzetti A., Casertano S.), **317,** 211
Rotation, planets, and the 'second parameter' of the horizontal branch (Soker N., Harpaz A.), **317,** 861
The migration and growth of protoplanets in protostellar discs (Nelson R.P., Papaloizou J.C.B., Masset F., Kley W.), **318,** 18

Population II

The carbon Cepheid RT Trianguli Australis: additional evidence of triple-α and CNO cycling (Wallerstein G., Matt S., Gonzalez G.), **311,** 414
Comprehensive analytic formulae for stellar evolution as a function of mass and metallicity (Hurley J.R., Pols O.R., Tout C.A.), **315,** 543

Pre-main-sequence

Polarimetry of young stellar objects – III. Circular polarimetry of OMC-1 (Chrysostomou A., Gledhill T.M., Ménard F., Hough J.H., Tamura M., Bailey J.), **312,** 103

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Reconnection X-winds: spin-down of low-mass protostars (Ferreira J., Pelletier G., Appl S.), **312,** 387
The far-UV spectrum of T Tauri stars – I. The relevance of the *IUE* Newly Extracted Spectra (Huélamo N., Franqueira M., Gómez de Castro A.I.), **312,** 833
The discovery of a low-mass, pre-main-sequence stellar association around γ Velorum (Pozzo M., Jeffries R.D., Naylor T., Totten E.J., Harmer S., Kenyon M.), **313,** L23
A population of very young brown dwarfs and free-floating planets in Orion (Lucas P.W., Roche P.F.), **314,** 858
Accretion disc–stellar magnetosphere interaction: field line inflation and the effect on the spin-down torque (Agapitou V., Papaloizou J.C.B.), **317,** 273
Observational implications of precessing protostellar discs and jets (Bate M.R., Bonnell I.A., Clarke C.J., Lubow S.H., Ogilvie G.I., Pringle J.E., Tout C.A.), **317,** 773
A high-resolution radio survey of Class I protostars (Lucas P.W., Blundell K.M., Roche P.F.), **318,** 526
Polarization models of young stellar objects – II. Linear and circular polarimetry of R Coronae Australis (Clark S., McCall A., Chrysostomou A., Gledhill T., Yates J., Hough J.), **319,** 337
A comparison of the rotational properties of T Tauri stars in Orion and Taurus (Clarke C.J., Bouvier J.), **319,** 457
Hα spectropolarimetry of the Herbig Ae star AB Aurigae (Pontefract M., Drew J.E., Harries T.J., Oudmaijer R.D.), **319,** L19

Pulsars: general
Radio sources near the core of the globular cluster 47 Tucanae (McConnell D., Ables J.G.), **311,** 841
A new mechanism for pulsar gamma-ray emission (Machabeli G.Z., Luo Q., Melrose D.B., Vladimirov S.), **312,** 51
The Parkes Multibeam Pulsar Survey: PSR J1811–1736, a pulsar in a highly eccentric binary system (Lyne A.G., Camilo F., Manchester R.N., Bell J.F., Kaspi V.M., D'Amico N., McKay N.P.F., Crawford F., Morris D.J., Sheppard D.C., Stairs I.H.), **312,** 698
The effect of the neutron-star crust on the evolution of a core magnetic field (Konenkov D., Geppert U.), **313,** 66
Radiative precession of an isolated neutron star (Melatos A.), **313,** 217
On the particle acceleration near the light surface of radio pulsars (Beskin V.S., Rafikov R.R.), **313,** 433
On the magnetohydrodynamic decollimation in compact objects (Beskin V.S., Okamoto I.), **313,** 445
Very-high-energy gamma radiation associated with the unshocked wind of the Crab pulsar (Bogovalov S.V., Aharonian F.A.), **313,** 504
The SMC X-ray transient XTE J0111.2–7317: a Be/X-ray binary in a supernova remnant? (Coe M.J., Haigh N.J., Reig P.), **314,** 290
A baseband recorder for radio pulsar observations (Stairs I.H., Splaver E.M., Thorsett S.E., Nice D.J., Taylor J.H.), **314,** 459
Excitation of Alfvén waves and pulsar radio emission (Lyutikov M.), **315,** 31
Statistical studies of pulsar glitches (Lyne A.G., Shemar S.L., Smith F.G.), **315,** 534
Radio pulsars in Terzan 5 (Lyne A.G., Mankelow S.H., Bell J.F., Manchester R.N.), **316,** 491
A study of subpulse phase correlation across nulls in PSR B0031–07 (Joshi B.C., Vivekanand M.), **316,** 716
The magnetosphere of an oscillating neutron star. Non-vacuum treatment (Timokhin A.N., Bisnovatyi-Kogan G.S., Spruit H.C.), **316,** 734
A search for protoplanetary discs around millisecond pulsars (Greaves J.S., Holland W.S.), **316,** L21
Pulsar radio luminosity laws revisited (Allen M.P., Horvath J.E.), **317,** 23
Spectral features in gamma-rays expected from millisecond pulsars (Bulik T., Rudak B., Dyks J.), **317,** 97
The small-scale structure in interstellar H I: a resolvable puzzle (Deshpande A.A.), **317,** 199
Glitches in southern pulsars (Wang N., Manchester R.N., Pace R.T., Bailes M., Kaspi V.M., Stappers B.W., Lyne A.G.), **317,** 843
Limits on radio emission from pulsar wind nebulae (Gaensler B.M., Stappers B.W., Frail D.A., Moffett D.A., Johnston S., Chatterjee S.), **318,** 58
High-energy emission from millisecond pulsars: polar cap models (Luo Q., Shibata S., Melrose D.B.), **318,** 943
Relativistic anisotropic pair plasmas (Asseo E., Riazuelo A.), **318,** 983
Model of peak separation in the gamma light curve of the Vela pulsar (Dyks J., Rudak B.), **319,** 477

Pulsars: individual: B0656 + 14
Gamma-ray emission from pulsars: strength of the acceleration field in the outer gap (Hirotani K.), **317,** 225

Pulsars: individual: B1055–52
Gamma-ray emission from pulsars: strength of the acceleration field in the outer gap (Hirotani K.), **317,** 225

Pulsars: individual: Crab
The possible role of r-modes in post-glitch relaxation of the Crab pulsar (Rezania V., Jahan-Miri M.), **315,** 263
Statistical studies of pulsar glitches (Lyne A.G., Shemar S.L., Smith F.G.), **315,** 534

Pulsars: individual: Crab pulsar
Very-high-energy gamma radiation associated with the unshocked wind of the Crab pulsar (Bogovalov S.V., Aharonian F.A.), **313,** 504

Pulsars: individual: Geminga
Gamma-ray emission from pulsars: strength of the acceleration field in the outer gap (Hirotani K.), **317,** 225

Pulsars: individual: GS 0834–43
The discovery of the optical/IR counterpart of the 12-s transient X-ray pulsar GS 0834–43 (Israel G.L., Covino S., Campana S., Polcaro V.F., Roche P., Stella L., Di Paola A., Lazzati D., Mereghetti S., Giallongo E., Fontana A., Verrecchia F.), **314,** 87

Pulsars: individual: GX 1 + 4
Spectral variation in the X-ray pulsar GX 1 + 4 during a low-flux episode (Galloway D.K., Giles A.B., Greenhill J.G., Storey M.C.), **311,** 755

Pulsars: individual: J0437–4715
Cooling curves and initial models for low-mass white dwarfs (< 0.25 $M_\odot$) with helium cores (Sarna M.J., Ergma E., Gerškevitš-Antipova J.), **316,** 84
Gamma-ray emission from pulsars: strength of the acceleration field in the outer gap (Hirotani K.), **317,** 225

Pulsars: individual: J1811–1736
The Parkes Multibeam Pulsar Survey: PSR J1811–1736, a pulsar in a highly eccentric binary system (Lyne A.G., Camilo F., Manchester R.N., Bell J.F., Kaspi V.M., D'Amico N., McKay N.P.F., Crawford F., Morris D.J., Sheppard D.C., Stairs I.H.), **312,** 698

Pulsars: individual: OAO 1657–415
Short-term pulse frequency fluctuations of OAO 1657–415 from *RXTE* observations (Baykal A.), **313,** 637

Pulsars: individual: PSR B0031–07
A study of subpulse phase correlation across nulls in PSR B0031–07 (Joshi B.C., Vivekanand M.), **316,** 716

Pulsars: individual: PSR B0833–45
Model of peak separation in the gamma light curve of the Vela pulsar (Dyks J., Rudak B.), **319,** 477

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Pulsars: individual: PSR J1012 + 5307
Cooling curves and initial models for low-mass white dwarfs (< 0.25 $M_\odot$) with helium cores (Sarna M.J., Ergma E., Gerškevitš-Antipova J.), **316,** 84

Pulsars: individual: RX J0146.9 + 6121
Correlated *V/R* and infrared photometric variations in the Be/X-ray binary LS I + 61° 235/RX J0146.9 + 6121 (Reig P., Negueruela I., Coe M.J., Fabregat J., Tarasov A.E., Zamanov R.K.), **317,** 205

Pulsars: individual: Vela
Statistical studies of pulsar glitches (Lyne A.G., Shemar S.L., Smith F.G.), **315,** 534
Gamma-ray emission from pulsars: strength of the acceleration field in the outer gap (Hirotani K.), **317,** 225

Rotation
Reconnection X-winds: spin-down of low-mass protostars (Ferreira J., Pelletier G., Appl S.), **312,** 387
Radiative precession of an isolated neutron star (Melatos A.), **313,** 217
Non-linear hydrodynamical evolution of rotating relativistic stars: numerical methods and code tests (Font J.A., Stergioulas N., Kokkotas K.D.), **313,** 678
Nova outbursts on rotating oblate white dwarfs (Scott A.D.), **313,** 775
Doppler images from dual-site observations of southern rapidly rotating stars – I. Differential rotation on PZ Tel (Barnes J.R., Collier Cameron A., James D.J., Donati J.-F.), **314,** 162
Synthetic line profiles of rotationally distorted hot-star winds (Harries T.J.), **315,** 722
Lithium depletion in G and K dwarfs (Umezu M., Saio H.), **316,** 307
On a physical mechanism for extra mixing in globular cluster red giants (Denissenkov P.A., Tout C.A.), **316,** 395
A model of slingshot prominences in rapidly rotating stars (Ferreira J.M.), **316,** 647
Surface differential rotation and prominences of the Lupus post T Tauri star RX J1508.6–4423 (Donati J.-F., Mengel M., Carter B.D., Marsden S., Collier Cameron A., Wichmann R.), **316,** 699
Influence of the r-mode instability on hypercritically accreting neutron stars (Yoshida S., Eriguchi Y.), **316,** 917
Rotation and activity in the solar-type stars of NGC 2547 (Jeffries R.D., Totten E.J., James D.J.), **316,** 950
A numerical study of the r-mode instability of rapidly rotating nascent neutron stars (Yoshida S., Karino S., Yoshida S., Eriguchi Y.), **316,** L1
Accretion disc–stellar magnetosphere interaction: field line inflation and the effect on the spin-down torque (Agapitou V., Papaloizou J.C.B.), **317,** 273
Rotation, planets, and the 'second parameter' of the horizontal branch (Soker N., Harpaz A.), **317,** 861
Surface trapping and leakage of low-frequency g modes in rotating early-type stars – I. Qualitative analysis (Townsend R.H.D.), **318,** 1
X-ray emission from nearby M-dwarfs: the super-saturation phenomenon (James D.J., Jardine M.M., Jeffries R.D., Randich S., Collier Cameron A., Ferreira M.), **318,** 1217
Surface trapping and leakage of low-frequency g modes in rotating early-type stars – II. Global analysis (Townsend R.H.D.), **319,** 289
A comparison of the rotational properties of T Tauri stars in Orion and Taurus (Clarke C.J., Bouvier J.), **319,** 457
Deformations of accreting neutron star crusts and gravitational wave emission (Ushomirsky G., Cutler C., Bildsten L.), **319,** 902

Statistics
Inversion of stellar statistics equation for the Galactic bulge (López-Corredoira M., Hammersley P.L., Garzón F., Simonneau E., Mahoney T.J.), **313,** 392

Subdwarfs
Orbital periods of the binary sdB stars PG 0940 + 068 and PG 1247 + 554 (Maxted P.F.L., Moran C.K.J., Marsh T.R., Gatti A.A.), **311,** 877
KPD 1930 + 2752: a candidate Type Ia supernova progenitor (Maxted P.F.L., Marsh T.R., North R.C.), **317,** L41
Radial velocities of pulsating subdwarf B stars: KPD 2109 + 4401 and PB 8783 (Jeffery C.S., Pollacco D.), **318,** 974

Supergiants
Period–luminosity relations for red supergiant variables – I. The calibration (Pierce M.J., Jurcevic J.S., Crabtree D.), **313,** 271
Period–luminosity relations for red supergiant variables – II. The distance to M101 (Jurcevic J.S., Pierce M.J., Jacoby G.H.), **313,** 868
The spectral variations of the O-type runaway supergiant HD 188209 (Israelian G., Herrero A., Musaev F., Kaufer A., Galeev A., Galazutdinov G., Santolaya-Rey E.), **316,** 407

Supernovae: general
The absolute infrared magnitudes of type Ia supernovae (Meikle W.P.S.), **314,** 782
Spectral evolution of the peculiar Ic Supernova 1998bw (Stathakis R.A., Boyle B.J., Jones D.H., Bessell M.S., Galama T.J., Germany L.M., Hartley M., James D.M., Kouveliotou C., Lewis I.J., Parker Q.A., Russell K.S., Sadler E.M., Tinney C.G., van Paradijs J., Vreeswijk P.M.), **314,** 807
Magnetic flux expulsion in powerful superbubble explosions and the α–Ω dynamo (Rafikov R.R., Kulsrud R.M.), **314,** 839
Radiating gravitational collapse with shear viscosity (Chan R.), **316,** 588
Quasars: a supermassive rotating toroidal black hole interpretation (Spivey R.J.), **316,** 856
Gravitational lensing effects on high-redshift Type II supernova studies with the *Next Generation Space Telescope* (Marri S., Ferrara A., Pozzetti L.), **317,** 265
A model of supernova feedback in galaxy formation (Efstathiou G.), **317,** 697
KPD 1930 + 2752: a candidate Type Ia supernova progenitor (Maxted P.F.L., Marsh T.R., North R.C.), **317,** L41
Significant effects of weak gravitational lensing on determinations of the cosmology from Type Ia supernovae (Barber A.J.), **318,** 195
On the supernova heating of the intergalactic medium (Kravtsov A.V., Yepes G.), **318,** 227
A strategy for finding gravitationally lensed distant supernovae (Sullivan M., Ellis R., Nugent P., Smail I., Madau P.), **319,** 549
First supernovae in Galactic globular clusters (Shustov B.M., Wiebe D.S.), **319,** 1047

Supernovae: individual: SN 1995N
The X-ray spectrum and light curve of Supernova 1995N (Fox D.W., Lewin W.H.G., Fabian A., Iwasawa K., Terlevich R., Zimmermann H.U., Aschenbach B., Weiler K., Van Dyk S., Chevalier R., Rutledge R., Inoue H., Uno S.), **319,** 1154

Supernovae: individual: SN 1998bu
An early-time infrared and optical study of the Type Ia Supernova 1998bu in M96 (Hernandez M. et al.), **319,** 223

Supernovae: individual: SN 1998bw
Spectral evolution of the peculiar Ic Supernova 1998bw (Stathakis R.A., Boyle B.J., Jones D.H., Bessell M.S., Galama T.J., Germany L.M., Hartley M., James D.M., Kouveliotou C., Lewis I.J., Parker Q.A., Russell K.S., Sadler E.M., Tinney C.G., van Paradijs J., Vreeswijk P.M.), **314,** 807

Supernovae: individual: SN 1998S
Optical and infrared photometry of the Type IIn SN 1998S: days 11–146 (Fassia A. et al.), **318,** 1093

Cepheids
The carbon Cepheid RT Trianguli Australis: additional evidence of triple-α and CNO cycling (Wallerstein G., Matt S., Gonzalez G.), **311,** 414

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A photometric and spectroscopic study of the brightest northern Cepheids – III. A high-resolution view of Cepheid atmospheres (Kiss L.L., Vinkó J.), **314,** 420
The intermediate-band approach to the surface-brightness method for Cepheid radii and distance determination (Arellano Ferro A., Rosenzweig P.), **315,** 296

δ Scuti
The multiperiodic δ Scuti star 4 Canum Venaticorum: amplitude variability (Breger M.), **313,** 129
Elemental abundance analyses with DAO spectrograms – XXIII. The superficially normal stars 28 And (A7 III) and 99 Her (F7 V) (Adelman S.J., Caliskan H., Kocer D., Cay I.H., Tektunali H.G.), **316,** 514
The δ Scuti star 38 o^1 Eri (Balona L.A.), **318,** 289
Delta Scuti Network observations of XX Pyx: detection of 22 pulsation modes and of short-term amplitude and frequency variations (Handler G. et al.), **318,** 511
Mode identification using equivalent width variation of Balmer lines (Balona L.A.), **319,** 606

Variables: other
Rapidly oscillating M giant stars? (Koen C., Laney D.), **311,** 636
Periodic microvariation of B416, a new luminous blue variable in M33 (Shemmer O., Leibowitz E.M., Szkody P.), **311,** 698
Possible detection of an old bipolar shell associated with η Carinae (Bohigas J., Tapia M., Ruiz M.T., Roth M.), **312,** 295
Wavelength dependence of angular diameters of M giants: an observational perspective (Jacob A.P., Bedding T.R., Robertson J.G., Scholz M.), **312,** 733
The variability of Magellanic cluster infrared stars (Nishida S., Tanabé T., Nakada Y., Matsumoto S., Sekiguchi K., Glass I.S.), **313,** 136
Non-linear behaviour of the pulsating white dwarf G29-38 – I. Evolution of the temporal spectrum (Vuille F.), **313,** 170
Non-linear behaviour of the pulsating white dwarf G29-38 – II. Analysis of the phase spectrum (Vuille F.), **313,** 179
Non-linear behaviour of the pulsating white dwarf G29-38 – III. Relative amplitudes of the cross-frequencies (Vuille F., Brassard P.), **313,** 185
A catalogue of helium abundance indicators from globular cluster photometry (Sandquist E.L.), **313,** 571
Period–luminosity relations for red supergiant variables – II. The distance to M101 (Jurcevic J.S., Pierce M.J., Jacoby G.H.), **313,** 868
High-resolution spectroscopy of V854 Cen in decline – absorption and emission lines of C_2 molecules (Rao N.K., Lambert D.L.), **313,** L33
Normal modes and discovery of high-order cross-frequencies in the DBV white dwarf GD 358 (Vuille F. et al.), **314,** 689
CR Boo: the 'helium ER UMa star' with a 46.3-d supercycle (Kato T., Nogami D., Baba H., Hanson G., Poyner G.), **315,** 140
New views of Betelgeuse: multi-wavelength surface imaging and implications for models of hotspot generation (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Lawson P.R., Mackay C.D., Pearson D., Rogers J., St.-Jacques D., Warner P.J., Wilson D.M.A., Wilson R.W.), **315,** 635
Simultaneous optical polarimetry and X-ray data of the near-synchronous polar RX J2115–5840 (Ramsay G., Potter S., Cropper M., Buckley D.A.H., Harrop-Allin M.K.), **316,** 225
On the existence of differences in luminosity between horizontal branch stars in globular clusters and in the field (Carretta E., Gratton R.G., Clementini G.), **316,** 721
Pulsational M_V versus [Fe/H] relation(s) for globular cluster RR Lyrae variables (Caputo F., Castellani V., Marconi M., Ripepi V.), **316,** 819
Excess submillimetre emission from GRS 1915 + 105 (Ogley R.N., Bell Burnell S.J., Fender R.P., Pooley G.G., Waltman E.B.), **317,** 158
Modelling near-IR spectra and mid-IR dust emission of Mira variables at different phases (Lobel A., Bagnulo S., Doyle J.G., Power C.), **317,** 391
Mira kinematics from *Hipparcos* data: a Galactic bar to beyond the Solar circle (Feast M.W., Whitelock P.A.), **317,** 460
Time-series spectroscopy of the rapidly oscillating Ap star HR 3831 (Baldry I.K., Bedding T.R.), **318,** 341
Cyclic variations in the angular diameter of χ Cygni (Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Pearson D., Rogers J., St-Jacques D., Warner P.J., Wilson D.M.A.), **318,** 381
The ejecta from the luminous blue variable star P Cygni (Meaburn J., O'Connor J.A., López J.A., Bryce M., Redman M.P., Noriega-Crespo A.), **318,** 561
Radial velocities of pulsating subdwarf B stars: KPD 2109 + 4401 and PB 8783 (Jeffery C.S., Pollacco D.), **318,** 974
Infrared colours for Mira-like long-period variables found in the *Hipparcos* Catalogue (Whitelock P., Marang F., Feast M.), **319,** 728
Hipparcos parallaxes for Mira-like long-period variables (Whitelock P., Feast M.), **319,** 759
Magnetic perturbations to the acoustic modes of roAp stars (Cunha M.S., Gough D.), **319,** 1020

White dwarfs
Propeller spin-down and the non-thermal emission from AE Aquarii (Meintjes P.J., de Jager O.C.), **311,** 611
The evolution of iron-core white dwarfs (Panei J.A., Althaus L.G., Benvenuto O.G.), **312,** 531
Non-linear behaviour of the pulsating white dwarf G29-38 – I. Evolution of the temporal spectrum (Vuille F.), **313,** 170
Non-linear behaviour of the pulsating white dwarf G29-38 – II. Analysis of the phase spectrum (Vuille F.), **313,** 179
Non-linear behaviour of the pulsating white dwarf G29-38 – III. Relative amplitudes of the cross-frequencies (Vuille F., Brassard P.), **313,** 185
Nova outbursts on rotating oblate white dwarfs (Scott A.D.), **313,** 775
The discovery of photospheric nickel in the hot DO white dwarf REJ 0503–289 (Barstow M.A., Dreizler S., Holberg J.B., Finley D.S., Werner K., Hubeny I., Sion E.M.), **314,** 109
Surface motion in the pulsating DA white dwarf G29-38 (van Kerkwijk M.H., Clemens J.C., Wu Y.), **314,** 209
Mode identification from time-resolved spectroscopy of the pulsating white dwarf G29-38 (Clemens J.C., van Kerkwijk M.H., Wu Y.), **314,** 220
The triple degenerate star WD 1704 + 481 (Maxted P.F.L., Marsh T.R., Moran C.K.J., Han Z.), **314,** 334
Determining the mass of the accreting white dwarf in magnetic cataclysmic variables using *RXTE* data (Ramsay G.), **314,** 403
Normal modes and discovery of high-order cross-frequencies in the DBV white dwarf GD 358 (Vuille F. et al.), **314,** 689
CR Boo: the 'helium ER UMa star' with a 46.3-d supercycle (Kato T., Nogami D., Baba H., Hanson G., Poyner G.), **315,** 140
Atmospheric emission from hydrogen-shell-burning white dwarfs as supersoft X-ray sources (Shimura T.), **315,** 345
WD 1953–011: a magnetic white dwarf with peculiar field structure (Maxted P.F.L., Ferrario L., Marsh T.R., Wickramasinghe D.T.), **315,** L41
Gravitational radiation from strongly magnetized white dwarfs (Heyl J.S.), **317,** 310
Diffusion in helium white dwarf stars (Althaus L.G., Benvenuto O.G.), **317,** 952
Low- and intermediate-mass close binary evolution and the initial–final mass relation (Han Z., Tout C.A., Eggleton P.P.), **319,** 215
Radial velocity measurements of white dwarfs (Maxted P.F.L., Marsh T.R., Moran C.K.J.), **319,** 305
Galactic 1.275-MeV emission from ONe novae and its detectability by *INTEGRAL*/SPI (Jean P., Hernanz M., Gómez-Gomar J., José J.), **319,** 350

Wolf–Rayet
The discovery of a low-mass, pre-main-sequence stellar association around γ Velorum (Pozzo M., Jeffries R.D., Naylor T., Totten E.J., Harmer S., Kenyon M.), **313,** L23
Spectroscopy of WC9 Wolf–Rayet stars: a search for companions (Williams P.M., van der Hucht K.A.), **314,** 23

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Quantitative analysis of WC stars: constraints on neon abundances from *ISO*-SWS spectroscopy (Dessart L., Crowther P.A., Hillier D.J., Willis A.J., Morris P.W., van der Hucht K.A.), **315,** 407
ASCA spectroscopy of the hard X-ray emission from the colliding wind interaction in γ^2 Velorum (Rauw G., Stevens I.R., Pittard J.M., Corcoran M.F.), **316,** 129
WR 146 – observing the OB-type companion (Dougherty S.M., Williams P.M., Pollacco D.L.), **316,** 143
Exospheric models for the X-ray emission from single Wolf–Rayet stars (Ignace R., Oskinova L.M., Foullon C.), **318,** 214
Modelling the spectra of colliding winds in the Wolf–Rayet WC7 + O binaries WR 42 and WR 79 (Hill G.M., Moffat A.F.J., St-Louis N., Bartzakos P.), **318,** 402
Chemical abundances and ionizing clusters of H II regions in the LINER galaxy NGC 4258 (Díaz A.I., Castellanos M., Terlevich E., García-Vargas M.L.), **318,** 462
Non-thermal emission in Wolf–Rayet stars: are massive companions required? (Dougherty S.M., Williams P.M.), **319,** 1005

Interstellar medium (ISM), nebulae

Abundances

Oxygen and helium abundances in Galactic H II regions – I. Observations (Caplan J., Deharveng L., Peña M., Costero R., Blondel C.), **311,** 317
Oxygen and helium abundances in Galactic H II regions – II. Abundance gradients (Deharveng L., Peña M., Caplan J., Costero R.), **311,** 329
Calculations on the rates, mechanisms, and interstellar importance of the reactions between C and NH_2 and between N and CH_2 (Herbst E., Terzieva R., Talbi D.), **311,** 869
An empirical calibration of nebular abundances based on the sulphur emission lines (Díaz A.I., Pérez-Montero E.), **312,** 130
NGC 6153: a super-metal-rich planetary nebula? (Liu X.-W., Storey P.J., Barlow M.J., Danziger I.J., Cohen M., Bryce M.), **312,** 585
Interstellar CO towards X Persei (HD 24534) – I. One-component model (Kaczmarczyk G.), **312,** 794
Chemical composition of eclipsing binaries: a new approach to the helium-to-metal enrichment ratio (Ribas I., Jordi C., Torra J., Giménez Á.), **313,** 99
The role of stellar feedback and dark matter in the evolution of dwarf galaxies (Ferrara A., Tolstoy E.), **313,** 291
The coronal line regions of planetary nebulae NGC 6302 and 6537: 3–13 μm grating and echelle spectroscopy (Casassus S., Roche P.F., Barlow M.J.), **314,** 657
Interstellar CO towards X Persei (HD 24534) – II. Two-component model (Kaczmarczyk G.), **316,** 875
The possibility of nitrogen isotopic fractionation in interstellar clouds (Terzieva R., Herbst E.), **317,** 563
Detection of HCO^+ towards Cygnus OB2 No. 12 (Scappini F., Cecchi-Pestellini C., Codella C., Dalgarno A.), **317,** L6
The optical spectrum of the planetary nebula NGC 6543 (Hyung S., Aller L.H., Feibelman W.A., Lee W.B., de Koter A.), **318,** 77
Chemistry in grain aggregates: a source of complex molecules? (Duley W.W.), **319,** 791
New models of interstellar gas–grain chemistry – I. Surface diffusion rates (Ruffle D.P., Herbst E.), **319,** 837

Atoms

Detection of a variable interstellar absorption component towards δ Orionis A (Price R.J., Crawford I.A., Barlow M.J.), **312,** L43
Chemically driven desorption of CO from icy grains in dark clouds (Takahashi J., Williams D.A.), **314,** 273
κ Velorum: another variable interstellar sightline? (Crawford I.A., Howarth I.D., Ryder S.D., Stathakis R.A.), **319,** L1

Bubbles

Starburst-driven galactic winds – I. Energetics and intrinsic X-ray emission (Strickland D.K., Stevens I.R.), **314,** 511

Clouds

Helical fields and filamentary molecular clouds – I (Fiege J.D., Pudritz R.E.), **311,** 85
Helical fields and filamentary molecular clouds – II. Axisymmetric stability and fragmentation (Fiege J.D., Pudritz R.E.), **311,** 105
Effects of clumping on the observed properties of dusty galaxies (Bianchi S., Ferrara A., Davies J.I., Alton P.B.), **311,** 601
Calculations on the rates, mechanisms, and interstellar importance of the reactions between C and NH_2 and between N and CH_2 (Herbst E., Terzieva R., Talbi D.), **311,** 869
On the interaction between cosmic rays and dark matter molecular clouds in the Milky Way – I. Basic considerations (Sciama D.W.), **312,** 33
Rotational contours of CH_2X chain species compared with several diffuse interstellar bands (Schulz S.A., King J.E., Glinski R.J.), **312,** 769
Interstellar CO towards X Persei (HD 24534) – I. One-component model (Kaczmarczyk G.), **312,** 794
Detection of CO in the inner part of the bulge of M31 (Melchior A.-L., Viallefond F., Guélin M., Neininger N.), **312,** L29
Gravitational instability in a system of particles with mass spectrum (Volkov E., Ortega V.G.), **313,** 112
A source of extended HCO^+ emission in young stellar objects (Rawlings J.M.C., Taylor S.D., Williams D.A.), **313,** 461
Discovery of a dense bipolar outflow from a new class 0 protostar in NGC 2068/LBS 17 (Gibb A.G., Little L.T.), **313,** 663
H_3^+ in diffuse interstellar gas (Cecchi-Pestellini C., Dalgarno A.), **313,** L6
Ammonia observations of the nearby molecular cloud MBM 12 (Gómez J.F., Trapero J., Pascual S., Patel N., Morales C., Torrelles J.M.), **314,** 743
The role of the geometry and dust environment in stationary models of translucent interstellar clouds (Kopp M., Roueff E., Pineau des Forêts G.), **315,** 37
Infrared emission from 6.7-GHz methanol maser sources (Goedhart S., van der Walt D.J., Schutte A.J.), **315,** 316
Interstellar Na I D lines towards the Southern Coalsack (Franco G.A.P.), **315,** 611
Interstellar velocity components towards reddened stars (Galazutdinov G.A., Krełowski J., Musaev F.A.), **315,** 703
Cool dust and gas in the Small Magellanic Cloud (Stanimirovic S., Staveley-Smith L., van der Hulst J.M., Bontekoe Tj.R., Kester D.J.M., Jones P.A.), **315,** 791
Interstellar CO towards X Persei (HD 24534) – II. Two-component model (Kaczmarczyk G.), **316,** 875
The small-scale structure in interstellar H I: a resolvable puzzle (Deshpande A.A.), **317,** 199
Hydroxyl lines towards Puppis A (Woermann B., Gaylard M.J., Otrupcek R.), **317,** 421
The possibility of nitrogen isotopic fractionation in interstellar clouds (Terzieva R., Herbst E.), **317,** 563
A study of interstellar Na I D absorption lines towards the Lupus molecular clouds (Crawford I.A.), **317,** 996
Detection of HCO^+ towards Cygnus OB2 No. 12 (Scappini F., Cecchi-Pestellini C., Codella C., Dalgarno A.), **317,** L6
Unlocking the Keyhole: H_2 and PAH emission from molecular clumps in the Keyhole Nebula (Brooks K.J., Burton M.G., Rathborne J.M., Ashley M.C.B., Storey J.W.V.), **319,** 95
New models of interstellar gas–grain chemistry – I. Surface diffusion rates (Ruffle D.P., Herbst E.), **319,** 837
On the interaction between cosmic rays and dark matter molecular clouds in the Milky Way – II. The age distribution of cosmic ray electrons (Sciama D.W.), **319,** 1001

Cosmic rays

On the interaction between cosmic rays and dark matter molecular clouds in the Milky Way – I. Basic considerations (Sciama D.W.), **312,** 33
On possible 'cosmic ray cocoons' of relativistic jets (Ostrowski M.), **312,** 579
Non-linear amplification of a magnetic field driven by cosmic ray streaming (Lucek S.G., Bell A.R.), **314,** 65

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Acceleration time-scale in an ultrarelativistic shock (Bednarz J.), **315,** L37
Cosmic ray generation by quasar remnants: constraints and implications (Boldt E., Loewenstein M.), **316,** L29
Energetic particle acceleration in a three-dimensional magnetic field reconnection model: the role of magnetohydrodynamic turbulence (Kobak T., Ostrowski M.), **317,** 973
On the interaction between cosmic rays and dark matter molecular clouds in the Milky Way – II. The age distribution of cosmic ray electrons (Sciama D.W.), **319,** 1001

Dust, extinction
Effects of clumping on the observed properties of dusty galaxies (Bianchi S., Ferrara A., Davies J.I., Alton P.B.), **311,** 601
Studies in mid-infrared spectropolarimetry – II. An atlas of spectra (Smith C.H., Wright C.M., Aitken D.K., Roche P.F., Hough J.H.), **312,** 327
Dust and gas in luminous infrared galaxies – results from SCUBA observations (Lisenfeld U., Isaak K.G., Hills R.), **312,** 433
Detection of CO in the inner part of the bulge of M31 (Melchior A.-L., Viallefond F., Guélin M., Neininger N.), **312,** L29
Gamma-ray bursts and the history of star formation (Blain A.W., Natarajan P.), **312,** L35
Kinematics of elliptical galaxies with a diffuse dust component (Baes M., Dejonghe H.), **313,** 153
Massive star formation in galaxies: radiative transfer models of the UV to millimetre emission of starburst galaxies (Efstathiou A., Rowan-Robinson M., Siebenmorgen R.), **313,** 734
Constraints on the nuclear emission of the Circinus galaxy: optical and near-IR spectropolarimetry (Alexander D.M., Heisler C.A., Young S., Lumsden S.L., Hough J.H., Bailey J.A.), **313,** 815
The diffuse interstellar bands: a dipole–bound state hypothesis (Sarre P.J.), **313,** L14
Circular polarization by scattering from spheroidal dust grains (Gledhill T.M., McCall A.), **314,** 123
Chemically driven desorption of CO from icy grains in dark clouds (Takahashi J., Williams D.A.), **314,** 273
Models of the dust structures around Vega-excess stars (Dent W.R.F., Walker H.J., Holland W.S., Greaves J.S.), **314,** 702
The role of the geometry and dust environment in stationary models of translucent interstellar clouds (Kopp M., Roueff E., Pineau des Forêts G.), **315,** 37
The SCUBA Local Universe Galaxy Survey – I. First measurements of the submillimetre luminosity and dust mass functions (Dunne L., Eales S., Edmunds M., Ivison R., Alexander P., Clements D.L.), **315,** 115
Optical properties of the carbon dust grains in the envelopes around asymptotic giant branch stars (Suh K.-W.), **315,** 740
Cool dust and gas in the Small Magellanic Cloud (Stanimirovic S., Staveley-Smith L., van der Hulst J.M., Bontekoe Tj.R., Kester D.J.M., Jones P.A.), **315,** 791
Large-scale structure of galaxies in the Ophiuchus region (Hasegawa T., Wakamatsu K., Malkan M., Sekiguchi K., Menzies J.W., Parker Q.A., Jugaku J., Karoji H., Okamura S.), **316,** 326
A model of the macro-features of the surface layer of a cometary nucleus (Hughes D.W.), **316,** 642
On the identification of the C_{60}^{+} interstellar features (Galazutdinov G.A., Krełowski J., Musaev F.A., Ehrenfreund P., Foing B.H.), **317,** 750
Kinematics of elliptical galaxies with a diffuse dust component – II. Dust effects on kinematic modelling (Baes M., Dejonghe H., De Rijcke S.), **318,** 798
SCUBA observations of Hawaii 167 (Lewis G.F., Chapman S.C.), **318,** L31

General
Two measures of the shape of the dark halo of the Milky Way (Olling R.P., Merrifield M.R.), **311,** 361
An empirical calibration of nebular abundances based on the sulphur emission lines (Díaz A.I., Pérez-Montero E.), **312,** 130
The role of stellar feedback and dark matter in the evolution of dwarf galaxies (Ferrara A., Tolstoy E.), **313,** 291
Measuring angular diameters of extended sources (van Hoof P.A.M.), **314,** 99
Confirmation of three candidate Galactic supernova remnants from GMRT observations (Bhatnagar S.), **317,** 453
Limits on radio emission from pulsar wind nebulae (Gaensler B.M., Stappers B.W., Frail D.A., Moffett D.A., Johnston S., Chatterjee S.), **318,** 58

Globules
A far-infrared survey of molecular cloud cores (Jessop N.E., Ward-Thompson D.), **311,** 63
Unlocking the Keyhole: H_2 and PAH emission from molecular clumps in the Keyhole Nebula (Brooks K.J., Burton M.G., Rathborne J.M., Ashley M.C.B., Storey J.W.V.), **319,** 95

H II regions
V, *R*, *I* and Hα photometry of circumnuclear star-forming regions in four galaxies with different levels of nuclear activity (Díaz A.I., Álvarez Álvarez M., Terlevich E., Terlevich R., Sánchez Portal M., Aretxaga I.), **311,** 120
Oxygen and helium abundances in Galactic H II regions – I. Observations (Caplan J., Deharveng L., Peña M., Costero R., Blondel C.), **311,** 317
Oxygen and helium abundances in Galactic H II regions – II. Abundance gradients (Deharveng L., Peña M., Caplan J., Costero R.), **311,** 329
H II galaxies as deep cosmological probes (Melnick J., Terlevich R., Terlevich E.), **311,** 629
An empirical calibration of nebular abundances based on the sulphur emission lines (Díaz A.I., Pérez-Montero E.), **312,** 130
Possible detection of an old bipolar shell associated with η Carinae (Bohigas J., Tapia M., Ruiz M.T., Roth M.), **312,** 295
Theoretical values for the [O III] 5007/4959 line-intensity ratio and homologous cases (Storey P.J., Zeippen C.J.), **312,** 813
Methanol masers at 107.0 and 156.6 GHz (Caswell J.L., Yi J., Booth R.S., Cragg D.M.), **313,** 599
Massive star formation in galaxies: radiative transfer models of the UV to millimetre emission of starburst galaxies (Efstathiou A., Rowan-Robinson M., Siebenmorgen R.), **313,** 734
Population synthesis of H II galaxies (Raimann D., Bica E., Storchi-Bergmann T., Melnick J., Schmitt H.), **314,** 295
Magnetic ionization fronts – II. Jump conditions for oblique magnetization (Williams R.J.R., Dyson J.E., Hartquist T.W.), **314,** 315
The emergence of a neutral Herbig–Haro jet into a photoionized nebula (Raga A., López-Martín L., Binette L., López J.A., Cantó J., Arthur S.J., Mellema G., Steffen W., Ferruit P.), **314,** 681
Hydrogen recombination lines from the Gum nebula (Woermann B., Gaylard M.J., Otrupcek R.), **315,** 241
Infrared emission from 6.7-GHz methanol maser sources (Goedhart S., van der Walt D.J., Schutte A.J.), **315,** 316
Ionizing radiation in smoothed particle hydrodynamics (Kessel-Deynet O., Burkert A.), **315,** 713
Lopsidedness in dwarf irregular galaxies (Heller A.B., Brosch N., Almoznino E., van Zee L., Salzer J.J.), **316,** 569
The massive stellar content of the H II region NGC 604 and its evolutionary state (González Delgado R.M., Pérez E.), **317,** 64
A milliarcsecond-resolution image of the OH masers in G34.3 + 0.2 (Zheng X.W., Moran J.M., Reid M.J.), **317,** 192
Chemical abundances and ionizing clusters of H II regions in the LINER galaxy NGC 4258 (Díaz A.I., Castellanos M., Terlevich E., García-Vargas M.L.), **318,** 462

Individual: Carina Nebula
Unlocking the Keyhole: H_2 and PAH emission from molecular clumps in the Keyhole Nebula (Brooks K.J., Burton M.G., Rathborne J.M., Ashley M.C.B., Storey J.W.V.), **319,** 95

Individual: Coalsack
Interstellar Na I D lines towards the Southern Coalsack (Franco G.A.P.), **315,** 611

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Individual: Crab Nebula
Very-high-energy gamma radiation associated with the unshocked wind of the Crab pulsar (Bogovalov S.V., Aharonian F.A.), **313,** 504

Individual: G004.8 + 6.2
Confirmation of three candidate Galactic supernova remnants from GMRT observations (Bhatnagar S.), **317,** 453

Individual: G34.3 + 0.2
A milliarcsecond-resolution image of the OH masers in G34.3 + 0.2 (Zheng X.W., Moran J.M., Reid M.J.), **317,** 192

Individual: G356.2 + 4.5
Confirmation of three candidate Galactic supernova remnants from GMRT observations (Bhatnagar S.), **317,** 453

Individual: G358.0 + 3.8
Confirmation of three candidate Galactic supernova remnants from GMRT observations (Bhatnagar S.), **317,** 453

Individual: Gum nebula
Hydrogen recombination lines from the Gum nebula (Woermann B., Gaylard M.J., Otrupcek R.), **315,** 241

Individual: HH 1
New, high-resolution, near-infrared observations of HH 1 (Davis C.J., Smith M.D., Eislöffel J.), **318,** 747

Individual: HH 7–11
High-resolution near-infrared observations of Herbig–Haro flows – I. H_2 imaging and proper motions (Chrysostomou A., Hobson J., Davis C.J., Smith M.D., Berndsen A.), **314,** 229
High-resolution near-infrared observations of Herbig–Haro flows – II. Echelle spectroscopy (Davis C.J., Berndsen A., Smith M.D., Chrysostomou A., Hobson J.), **314,** 241

Individual: HH 25–26
High-resolution near-infrared observations of Herbig–Haro flows – I. H_2 imaging and proper motions (Chrysostomou A., Hobson J., Davis C.J., Smith M.D., Berndsen A.), **314,** 229
High-resolution near-infrared observations of Herbig–Haro flows – II. Echelle spectroscopy (Davis C.J., Berndsen A., Smith M.D., Chrysostomou A., Hobson J.), **314,** 241

Individual: HH 33/40
High-resolution near-infrared observations of Herbig–Haro flows – I. H_2 imaging and proper motions (Chrysostomou A., Hobson J., Davis C.J., Smith M.D., Berndsen A.), **314,** 229
High-resolution near-infrared observations of Herbig–Haro flows – II. Echelle spectroscopy (Davis C.J., Berndsen A., Smith M.D., Chrysostomou A., Hobson J.), **314,** 241

Individual: HH 46/47
The excitation and kinematical properties of H_2 and [Fe II] in the HH 46/47 bipolar outflow (Fernandes A.J.L.), **315,** 657

Individual: HH 212
High-resolution near-infrared observations of Herbig–Haro flows – II. Echelle spectroscopy (Davis C.J., Berndsen A., Smith M.D., Chrysostomou A., Hobson J.), **314,** 241

Individual: Lupus
A study of interstellar Na I D absorption lines towards the Lupus molecular clouds (Crawford I.A.), **317,** 996

Individual: MBM 12
Ammonia observations of the nearby molecular cloud MBM 12 (Gómez J.F., Trapero J., Pascual S., Patel N., Morales C., Torrelles J.M.), **314,** 743

Individual: NGC 604
The massive stellar content of the H II region NGC 604 and its evolutionary state (González Delgado R.M., Pérez E.), **317,** 64

Individual: NGC 2068
Discovery of a dense bipolar outflow from a new class 0 protostar in NGC 2068/LBS 17 (Gibb A.G., Little L.T.), **313,** 663

Individual: NGC 3372
Possible detection of an old bipolar shell associated with η Carinae (Bohigas J., Tapia M., Ruiz M.T., Roth M.), **312,** 295

Individual: NGC 6334
Star formation in NGC 6334 I and I(N) (McCutcheon W.H., Sandell G., Matthews H.E., Kuiper T.B.H., Sutton E.C., Danchi W.C., Sato T.), **316,** 152

Individual: NGC 6729
Polarization models of young stellar objects – II. Linear and circular polarimetry of R Coronae Australis (Clark S., McCall A., Chrysostomou A., Gledhill T., Yates J., Hough J.), **319,** 337

Individual: Orion
A population of very young brown dwarfs and free-floating planets in Orion (Lucas P.W., Roche P.F.), **314,** 858

Individual: OMC-1
Polarimetry of young stellar objects – III. Circular polarimetry of OMC-1 (Chrysostomou A., Gledhill T.M., Ménard F., Hough J.H., Tamura M., Bailey J.), **312,** 103
An infrared proper motion study of the Orion bullets (Lee J.-K., Burton M.G.), **315,** 11

Individual: V380 Ori-NE
Observations of a curving molecular outflow from V380 Ori-NE: further support for prompt entrainment in protostellar outflows (Davis C.J., Dent W.R.F., Matthews H.E., Coulson I.M., McCaughrean M.J.), **318,** 952

Individual: Puppis A
Hydroxyl lines towards Puppis A (Woermann B., Gaylard M.J., Otrupcek R.), **317,** 421

Individual: Red Rectangle
The CO Cameron band emission in the Red Rectangle (Yan M., Dalgarno A., Klemperer W., Miller A.E.S.), **313,** L17

Jets and outflows
Herbig–Haro flows near compact reflection nebulae (Aspin C., Reipurth B.), **311,** 522
High-resolution spectroscopy and broad-band imaging of the young planetary nebula K 3-35 (Miranda L.F., Fernández M., Alcalá J.M., Guerrero M.A., Anglada G., Gómez Y., Torrelles J.M., Aaquist O.B.), **311,** 748
Polarimetry of young stellar objects – III. Circular polarimetry of OMC-1 (Chrysostomou A., Gledhill T.M., Ménard F., Hough J.H., Tamura M., Bailey J.), **312,** 103
Reconnection X-winds: spin-down of low-mass protostars (Ferreira J., Pelletier G., Appl S.), **312,** 387
The very flat radio–millimetre spectrum of Cygnus X-1 (Fender R.P., Pooley G.G., Durouchoux P., Tilanus R.P.J., Brocksopp C.), **312,** 853
A 500 km s^{-1} outflow from the young bipolar planetary nebula Mz 3 (Redman M.P., O'Connor J.A., Holloway A.J., Bryce M., Meaburn J.), **312,** L23
The triple-shell structure and collimated outflows of the planetary nebula NGC 6891 (Guerrero M.A., Miranda L.F., Manchado A., Vázquez R.), **313,** 1
A source of extended HCO^+ emission in young stellar objects (Rawlings J.M.C., Taylor S.D., Williams D.A.), **313,** 461

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Analytic solutions to the problem of jets with time-dependent injection velocities (Cantó J., Raga A.C., D'Alessio P.), **313,** 656
Discovery of a dense bipolar outflow from a new class 0 protostar in NGC 2068/LBS 17 (Gibb A.G., Little L.T.), **313,** 663
High-resolution near-infrared observations of Herbig–Haro flows – I. H_2 imaging and proper motions (Chrysostomou A., Hobson J., Davis C.J., Smith M.D., Berndsen A.), **314,** 229
High-resolution near-infrared observations of Herbig–Haro flows – II. Echelle spectroscopy (Davis C.J., Berndsen A., Smith M.D., Chrysostomou A., Hobson J.), **314,** 241
Starburst-driven galactic winds – I. Energetics and intrinsic X-ray emission (Strickland D.K., Stevens I.R.), **314,** 511
The emergence of a neutral Herbig–Haro jet into a photoionized nebula (Raga A., López-Martín L., Binette L., López J.A., Cantó J., Arthur S.J., Mellema G., Steffen W., Ferruit P.), **314,** 681
An infrared proper motion study of the Orion bullets (Lee J.-K., Burton M.G.), **315,** 11
The excitation and kinematical properties of H_2 and [Fe II] in the HH 46/47 bipolar outflow (Fernandes A.J.L.), **315,** 657
Star formation in NGC 6334 I and I(N) (McCutcheon W.H., Sandell G., Matthews H.E., Kuiper T.B.H., Sutton E.C., Danchi W.C., Sato T.), **316,** 152
On the local magnetorotational instability of astrophysical jets (Hanasz M., Sol H., Sauty C.), **316,** 494
On the optical light curves of afterglows from jetted gamma-ray burst ejecta: effects of parameters (Huang Y.F., Dai Z.G., Lu T.), **316,** 943
The radio luminosity of persistent X-ray binaries (Fender R.P., Hendry M.A.), **317,** 1
An accretion disc model with a magnetic wind and turbulent viscosity (Campbell C.G.), **317,** 501
Observational implications of precessing protostellar discs and jets (Bate M.R., Bonnell I.A., Clarke C.J., Lubow S.H., Ogilvie G.I., Pringle J.E., Tout C.A.), **317,** 773
Acceleration and collimation of magnetized winds (Okamoto I.), **318,** 250
A disc-wind model with correct crossing of all magnetohydrodynamic critical surfaces (Vlahakis N., Tsinganos K., Sauty C., Trussoni E.), **318,** 417
New, high-resolution, near-infrared observations of HH 1 (Davis C.J., Smith M.D., Eislöffel J.), **318,** 747
Sputtering of grains in C-type shocks (May P.W., Pineau des Forêts G., Flower D.R., Field D., Allan N.L., Purton J.A.), **318,** 809
Observations of a curving molecular outflow from V380 Ori-NE: further support for prompt entrainment in protostellar outflows (Davis C.J., Dent W.R.F., Matthews H.E., Coulson I.M., McCaughrean M.J.), **318,** 952
Giant repeated ejections from GRS 1915 + 105 (Fender R.P., Pooley G.G.), **318,** L1
An unconventional accretion disc dynamo (Reyes-Ruiz M.), **319,** 1039

Kinematics and dynamics
The triple-shell structure and collimated outflows of the planetary nebula NGC 6891 (Guerrero M.A., Miranda L.F., Manchado A., Vázquez R.), **313,** 1
High-resolution near-infrared observations of Herbig–Haro flows – I. H_2 imaging and proper motions (Chrysostomou A., Hobson J., Davis C.J., Smith M.D., Berndsen A.), **314,** 229
High-resolution near-infrared observations of Herbig–Haro flows – II. Echelle spectroscopy (Davis C.J., Berndsen A., Smith M.D., Chrysostomou A., Hobson J.), **314,** 241
Magnetic ionization fronts – II. Jump conditions for oblique magnetization (Williams R.J.R., Dyson J.E., Hartquist T.W.), **314,** 315
The coronal line regions of planetary nebulae NGC 6302 and 6537: 3–13 μm grating and echelle spectroscopy (Casassus S., Roche P.F., Barlow M.J.), **314,** 657
The excitation and kinematical properties of H_2 and [Fe II] in the HH 46/47 bipolar outflow (Fernandes A.J.L.), **315,** 657
The modelling of line emission from axially symmetric structures (Phillips R.R., Little L.T.), **317,** 179
New, high-resolution, near-infrared observations of HH 1 (Davis C.J., Smith M.D., Eislöffel J.), **318,** 747
Observations of a curving molecular outflow from V380 Ori-NE: further support for prompt entrainment in protostellar outflows (Davis C.J., Dent W.R.F., Matthews H.E., Coulson I.M., McCaughrean M.J.), **318,** 952
Unlocking the Keyhole: H_2 and PAH emission from molecular clumps in the Keyhole Nebula (Brooks K.J., Burton M.G., Rathborne J.M., Ashley M.C.B., Storey J.W.V.), **319,** 95

Magnetic fields
Helical fields and filamentary molecular clouds – I (Fiege J.D., Pudritz R.E.), **311,** 85
Magnetic ionization fronts – II. Jump conditions for oblique magnetization (Williams R.J.R., Dyson J.E., Hartquist T.W.), **314,** 315
Magnetic flux expulsion in powerful superbubble explosions and the α–Ω dynamo (Rafikov R.R., Kulsrud R.M.), **314,** 839
Non-linear magnetic diffusivity in mean-field electrodynamics (Urpin V., Brandenburg A.), **316,** 684
A milliarcsecond-resolution image of the OH masers in G34.3 + 0.2 (Zheng X.W., Moran J.M., Reid M.J.), **317,** 192

Molecules
Herbig–Haro flows near compact reflection nebulae (Aspin C., Reipurth B.), **311,** 522
Calculations on the rates, mechanisms, and interstellar importance of the reactions between C and NH_2 and between N and CH_2 (Herbst E., Terzieva R., Talbi D.), **311,** 869
Observations of OH 4765-MHz maser emission from star-forming regions (Szymczak M., Kus A.J., Hrynek G.), **312,** 211
Dust and gas in luminous infrared galaxies – results from SCUBA observations (Lisenfeld U., Isaak K.G., Hills R.), **312,** 433
Rotational contours of CH_2X chain species compared with several diffuse interstellar bands (Schulz S.A., King J.E., Glinski R.J.), **312,** 769
Interstellar CO towards X Persei (HD 24534) – I. One-component model (Kaczmarczyk G.), **312,** 794
A source of extended HCO^+ emission in young stellar objects (Rawlings J.M.C., Taylor S.D., Williams D.A.), **313,** 461
Millimetre/submillimetre-wave emission-line searches for high-redshift galaxies (Blain A.W., Frayer D.T., Bock J.J., Scoville N.Z.), **313,** 559
Methanol masers at 107.0 and 156.6 GHz (Caswell J.L., Yi J., Booth R.S., Cragg D.M.), **313,** 599
Discovery of a dense bipolar outflow from a new class 0 protostar in NGC 2068/LBS 17 (Gibb A.G., Little L.T.), **313,** 663
H_3^+ in diffuse interstellar gas (Cecchi-Pestellini C., Dalgarno A.), **313,** L6
The diffuse interstellar bands: a dipole–bound state hypothesis (Sarre P.J.), **313,** L14
Momentum transfer between ions and neutrals in molecular gas (Flower D.R.), **313,** L19
Chemically driven desorption of CO from icy grains in dark clouds (Takahashi J., Williams D.A.), **314,** 273
Ammonia observations of the nearby molecular cloud MBM 12 (Gómez J.F., Trapero J., Pascual S., Patel N., Morales C., Torrelles J.M.), **314,** 743
The cooling of astrophysical media by HD (Flower D.R., Le Bourlot J., Pineau des Forêts G., Roueff E.), **314,** 753
The role of the geometry and dust environment in stationary models of translucent interstellar clouds (Kopp M., Roueff E., Pineau des Forêts G.), **315,** 37
Erratum: Momentum transfer between ions and neutrals in molecular gas (Flower D.R.), **315,** 431
Star formation in NGC 6334 I and I(N) (McCutcheon W.H., Sandell G., Matthews H.E., Kuiper T.B.H., Sutton E.C., Danchi W.C., Sato T.), **316,** 152
Large molecules in the envelope surrounding IRC + 10216 (Millar T.J., Herbst E., Bettens R.P.A.), **316,** 195
Interstellar CO towards X Persei (HD 24534) – II. Two-component model (Kaczmarczyk G.), **316,** 875

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Resolved OH megamaser emission in the nuclear region of the ultraluminous infrared galaxy Markarian 273 (Yates J.A., Richards A.M.S., Wright M.M., Collett J.L., Gray M.D., Field D., Cohen R.J.), **317,** 28
The small-scale structure in interstellar H I: a resolvable puzzle (Deshpande A.A.), **317,** 199
Detection of new sources of methanol emission at 95 GHz with the Mopra telescope (Val'tts I.E., Ellingsen S.P., Slysh V.I., Kalenskii S.V., Otrupcek R., Larionov G.M.), **317,** 315
Hydroxyl lines towards Puppis A (Woermann B., Gaylard M.J., Otrupcek R.), **317,** 421
The possibility of nitrogen isotopic fractionation in interstellar clouds (Terzieva R., Herbst E.), **317,** 563
On the identification of the C_{60}^+ interstellar features (Galazutdinov G.A., Krełowski J., Musaev F.A., Ehrenfreund P., Foing B.H.), **317,** 750
Detection of HCO^+ towards Cygnus OB2 No. 12 (Scappini F., Cecchi-Pestellini C., Codella C., Dalgarno A.), **317,** L6
Unlocking the Keyhole: H_2 and PAH emission from molecular clumps in the Keyhole Nebula (Brooks K.J., Burton M.G., Rathborne J.M., Ashley M.C.B., Storey J.W.V.), **319,** 95
IRAS 12311–3509: a carbon star with SiC_2 emission (Lloyd Evans T., Hurst M.E., Sarre P.J.), **319,** 111
Chemistry in grain aggregates: a source of complex molecules? (Duley W.W.), **319,** 791
New models of interstellar gas–grain chemistry – I. Surface diffusion rates (Ruffle D.P., Herbst E.), **319,** 837

Planetary nebulae: general
Catalogue of candidate emission-line objects in the Small Magellanic Cloud (Murphy M.T., Bessell M.S.), **311,** 741
Dust formation and inhomogeneous mass-loss from asymptotic giant branch stars (Soker N.), **312,** 217
Theoretical values for the [O III] 5007/4959 line-intensity ratio and homologous cases (Storey P.J., Zeippen C.J.), **312,** 813
A 500 km s^{-1} outflow from the young bipolar planetary nebula Mz 3 (Redman M.P., O'Connor J.A., Holloway A.J., Bryce M., Meaburn J.), **312,** L23
Using slitless spectroscopy to study the kinematics of the planetary nebula population in M94 (Douglas N.G., Gerssen J., Kuijken K., Merrifield M.R.), **316,** 795
The optical spectrum of the planetary nebula NGC 6543 (Hyung S., Aller L.H., Feibelman W.A., Lee W.B., de Koter A.), **318,** 77
Asymmetry and inhomogeneity in proto- and young planetary nebulae (Soker N.), **318,** 1017

Planetary nebulae: individual: K 3-35
High-resolution spectroscopy and broad-band imaging of the young planetary nebula K 3-35 (Miranda L.F., Fernández M., Alcalá J.M., Guerrero M.A., Anglada G., Gómez Y., Torrelles J.M., Aaquist O.B.), **311,** 748

Planetary nebulae: individual: Mz 3 (PN G331.7–01.0)
A 500 km s^{-1} outflow from the young bipolar planetary nebula Mz 3 (Redman M.P., O'Connor J.A., Holloway A.J., Bryce M., Meaburn J.), **312,** L23

Planetary nebulae: individual: NGC 6153
NGC 6153: a super-metal-rich planetary nebula? (Liu X.-W., Storey P.J., Barlow M.J., Danziger I.J., Cohen M., Bryce M.), **312,** 585

Planetary nebulae: individual: NGC 6302
The coronal line regions of pianetary nebulae NGC 6302 and 6537: 3–13 μm grating and echelle spectroscopy (Casassus S., Roche P.F., Barlow M.J.), **314,** 657

Planetary nebulae: individual: NGC 6537
The coronal line regions of planetary nebulae NGC 6302 and 6537: 3–13 μm grating and echelle spectroscopy (Casassus S., Roche P.F., Barlow M.J.), **314,** 657

Planetary nebulae: individual: NGC 6543
The optical spectrum of the planetary nebula NGC 6543 (Hyung S., Aller L.H., Feibelman W.A., Lee W.B., de Koter A.), **318,** 77

Planetary nebulae: individual: NGC 6891
The triple-shell structure and collimated outflows of the planetary nebula NGC 6891 (Guerrero M.A., Miranda L.F., Manchado A., Vázquez R.), **313,** 1

Reflection nebulae
Herbig–Haro flows near compact reflection nebulae (Aspin C., Reipurth B.), **311,** 522
Polarimetry of young stellar objects – III. Circular polarimetry of OMC-1 (Chrysostomou A., Gledhill T.M., Ménard F., Hough J.H., Tamura M., Bailey J.), **312,** 103
Circular polarization by scattering from spheroidal dust grains (Gledhill T.M., McCall A.), **314,** 123
Polarization models of young stellar objects – II. Linear and circular polarimetry of R Coronae Australis (Clark S., McCall A., Chrysostomou A., Gledhill T., Yates J., Hough J.), **319,** 337

Structure
Two stellar mass functions combined into one by the random sampling model of the initial mass function (Elmegreen B.G.), **311,** L5
A 500 km s^{-1} outflow from the young bipolar planetary nebula Mz 3 (Redman M.P., O'Connor J.A., Holloway A.J., Bryce M., Meaburn J.), **312,** L23
The small-scale structure in interstellar H I: a resolvable puzzle (Deshpande A.A.), **317,** 199
A study of interstellar Na I D absorption lines towards the Lupus molecular clouds (Crawford I.A.), **317,** 996
κ Velorum: another variable interstellar sightline? (Crawford I.A., Howarth I.D., Ryder S.D., Stathakis R.A.), **319,** L1

Supernova remnants
Hydrogen recombination lines from the Gum nebula (Woermann B., Gaylard M.J., Otrupcek R.), **315,** 241
Hydroxyl lines towards Puppis A (Woermann B., Gaylard M.J., Otrupcek R.), **317,** 421
A model of supernova feedback in galaxy formation (Efstathiou G.), **317,** 697
Limits on radio emission from pulsar wind nebulae (Gaensler B.M., Stappers B.W., Frail D.A., Moffett D.A., Johnston S., Chatterjee S.), **318,** 58
Stellar contributors to the hard X-ray background? (Natarajan P., Almaini O.), **318,** L21

The Galaxy

Abundances
Oxygen and helium abundances in Galactic H II regions – II. Abundance gradients (Deharveng L., Peña M., Caplan J., Costero R.), **311,** 329
First supernovae in Galactic globular clusters (Shustov B.M., Wiebe D.S.), **319,** 1047

Centre
A dynamical model of the inner Galaxy (Häfner R., Evans N.W., Dehnen W., Binney J.), **314,** 433
Galactic bulges (Mollá M., Ferrini F., Gozzi G.), **316,** 345
Stellar dynamics in the Galactic Centre: proper motions and anisotropy (Genzel R., Pichon C., Eckart A., Gerhard O.E., Ott T.), **317,** 348
Possible evidence for the disc origin for the powering of jets in Sgr A^* and nearby elliptical galaxies (Yuan F.), **319,** 1178

Evolution
Galactic bulges (Mollá M., Ferrini F., Gozzi G.), **316,** 345
First supernovae in Galactic globular clusters (Shustov B.M., Wiebe D.S.), **319,** 1047

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Formation
A parallel TreeSPH code for galaxy formation (Lia C., Carraro G.), **314,** 145
Mapping the substructure in the Galactic halo with the next generation of astrometric satellites (Helmi A., de Zeeuw P.T.), **319,** 657

Fundamental parameters
Two measures of the shape of the dark halo of the Milky Way (Olling R.P., Merrifield M.R.), **311,** 361
The local solar motion and the scalelength of the Galactic disc (Feast M.), **313,** 596

Globular clusters: general
Constraints on the mass and abundance of black holes in the Galactic halo: the high-mass limit (Murali C., Arras P., Wasserman I.), **313,** 87
A catalogue of helium abundance indicators from globular cluster photometry (Sandquist E.L.), **313,** 571
Galactic globular clusters as a test for very-low-mass stellar models (Cassisi S., Castellani V., Ciarcelluti P., Piotto G., Zoccali M.), **315,** 679
On a physical mechanism for extra mixing in globular cluster red giants (Denissenkov P.A., Tout C.A.), **316,** 395
Evolution of multimass globular clusters in the Galactic tidal field with the effects of velocity anisotropy (Takahashi K., Lee H.M.), **316,** 671
On the existence of differences in luminosity between horizontal branch stars in globular clusters and in the field (Carretta E., Gratton R.G., Clementini G.), **316,** 721
Pulsational M_V versus [Fe/H] relation(s) for globular cluster RR Lyrae variables (Caputo F., Castellani V., Marconi M., Ripepi V.), **316,** 819
A possible detection of diffuse extended X-ray emission in the environment of the globular cluster NGC 6779 (Hopwood M.E.L., Evans A., Roberts T.P., Burleigh M.R., Odenkirchen M., Beardmore A.P., O'Brien T., Jeffries R.D., Penny A., Eyres S.P.S.), **316,** L5
Fluctuations in isothermal spheres (Katz J., Okamoto I.), **317,** 163
A stochastic Monte Carlo approach to model real star cluster evolution – II. Self-consistent models and primordial binaries (Giersz M., Spurzem R.), **317,** 581
The time-scale of escape from star clusters (Fukushige T., Heggie D.C.), **318,** 753
Evolution of globular cluster systems in elliptical galaxies – I. Log-normal initial mass function (Vesperini E.), **318,** 841
First supernovae in Galactic globular clusters (Shustov B.M., Wiebe D.S.), **319,** 1047

Globular clusters: individual: M13
Rotation, planets, and the 'second parameter' of the horizontal branch (Soker N., Harpaz A.), **317,** 861

Globular clusters: individual: NGC 6779
A possible detection of diffuse extended X-ray emission in the environment of the globular cluster NGC 6779 (Hopwood M.E.L., Evans A., Roberts T.P., Burleigh M.R., Odenkirchen M., Beardmore A.P., O'Brien T., Jeffries R.D., Penny A., Eyres S.P.S.), **316,** L5

Globular clusters: individual: Terzan 5
Radio pulsars in Terzan 5 (Lyne A.G., Mankelow S.H., Bell J.F., Manchester R.N.), **316,** 491

Globular clusters: individual: 47 Tuc
Radio sources near the core of the globular cluster 47 Tucanae (McConnell D., Ables J.G.), **311,** 841

Halo
Deep galaxy counts, extragalactic background light and the stellar baryon budget (Madau P., Pozzetti L.), **312,** L9
Constraints on the mass and abundance of black holes in the Galactic halo: the high-mass limit (Murali C., Arras P., Wasserman I.), **313,** 87
The orbit and mass of the Sagittarius dwarf galaxy (Jiang I.-G., Binney J.), **314,** 468
Mapping the substructure in the Galactic halo with the next generation of astrometric satellites (Helmi A., de Zeeuw P.T.), **319,** 657

Kinematics and dynamics
Two measures of the shape of the dark halo of the Milky Way (Olling R.P., Merrifield M.R.), **311,** 361
The local density of matter mapped by *Hipparcos* (Holmberg J., Flynn C.), **313,** 209
A new model for the infrared brightness of the Galaxy (Lépine J.R.D., Leroy P.), **313,** 263
The orbit and mass of the Sagittarius dwarf galaxy (Jiang I.-G., Binney J.), **314,** 468
A moving group of young stars in Carina–Vela (Makarov V.V., Urban S.), **317,** 289
Stellar dynamics in the Galactic Centre: proper motions and anisotropy (Genzel R., Pichon C., Eckart A., Gerhard O.E., Ott T.), **317,** 348
Mira kinematics from *Hipparcos* data: a Galactic bar to beyond the Solar circle (Feast M.W., Whitelock P.A.), **317,** 460
The age of the solar neighbourhood (Binney J., Dehnen W., Bertelli G.), **318,** 658
Mapping the substructure in the Galactic halo with the next generation of astrometric satellites (Helmi A., de Zeeuw P.T.), **319,** 657

Open clusters and associations: general
The distribution of bright OB stars in the Canis Major–Puppis–Vela region of the Milky Way (Kaltcheva N.T., Hilditch R.W.), **312,** 753
OB association members in the ACT and TRC catalogues (Hoogerwerf R.), **313,** 43
A moving group of young stars in Carina–Vela (Makarov V.V., Urban S.), **317,** 289
The time-scale of escape from star clusters (Fukushige T., Heggie D.C.), **318,** 753

Open clusters and associations: individual: Alpha Persei
Chromospheric activity in the late A- and early F-type stars of open clusters – II. Pleiades and Alpha Persei (Rachford B.L.), **315,** 24

Open clusters and associations: individual: Cep OB6
OB association members in the ACT and TRC catalogues (Hoogerwerf R.), **313,** 43

Open clusters and associations: individual: Cepheus R2
Star formation in the Cepheus Flare region – II. A-type stars associated with *IRAS* sources (Kun M., Vinkó J., Szabados L.), **319,** 777

Open clusters and associations: individual: Cr 121
The region of Collinder 121 (Kaltcheva N.T.), **318,** 1023

Open clusters and associations: individual: Hyades
Low-mass spectroscopic binaries in the Hyades: a candidate brown dwarf companion (Reid I.N., Mahoney S.), **316,** 827

Open clusters and associations: individual: IC 4756
X-ray source populations in the region of the open clusters NGC 6633 and IC 4756 (Briggs K.R., Pye J.P., Jeffries R.D., Totten E.J.), **319,** 826

Open clusters and associations: individual: NGC 2547
Rotation and activity in the solar-type stars of NGC 2547 (Jeffries R.D., Totten E.J., James D.J.), **316,** 950

Open clusters and associations: individual: NGC 6633
X-ray source populations in the region of the open clusters NGC 6633 and IC 4756 (Briggs K.R., Pye J.P., Jeffries R.D., Totten E.J.), **319,** 826

Open clusters and associations: individual: Per OB1
Period–luminosity relations for red supergiant variables – I. The calibration (Pierce M.J., Jurcevic J.S., Crabtree D.), **313,** 271

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Open clusters and associations: individual: Per OB3
OB association members in the ACT and TRC catalogues (Hoogerwerf R.), **313,** 43

Open clusters and associations: individual: Pleiades
A six-square-degree survey for Pleiades low-mass stars and brown dwarfs (Pinfield D.J., Hodgkin S.T., Jameson R.F., Cossburn M.R., Hambly N.C., Devereux N.), **313,** 347
Chromospheric activity in the late A- and early F-type stars of open clusters – II. Pleiades and Alpha Persei (Rachford B.L.), **315,** 24

Open clusters and associations: individual: Praesepe
Praesepe – two merging clusters? (Holland K., Jameson R.F., Hodgkin S., Davies M.B., Pinfield D.), **319,** 956

Open clusters and associations: individual: Sco OB2
OB association members in the ACT and TRC catalogues (Hoogerwerf R.), **313,** 43

Open clusters and associations: individual: Trapezium
A population of very young brown dwarfs and free-floating planets in Orion (Lucas P.W., Roche P.F.), **314,** 858

Solar neighbourhood
Two measures of the shape of the dark halo of the Milky Way (Olling R.P., Merrifield M.R.), **311,** 361
Two nearby M dwarf binaries from the Two Micron All Sky Survey (Gizis J.E., Monet D.G., Reid I.N., Kirkpatrick J.D., Burgasser A.J.), **311,** 385
The local density of matter mapped by *Hipparcos* (Holmberg J., Flynn C.), **313,** 209
The recent star formation history of the *Hipparcos* solar neighbourhood (Hernandez X., Valls-Gabaud D., Gilmore G.), **316,** 605
The age of the solar neighbourhood (Binney J., Dehnen W., Bertelli G.), **318,** 658

Stellar content
Two measures of the shape of the dark halo of the Milky Way (Olling R.P., Merrifield M.R.), **311,** 361
A new model for the infrared brightness of the Galaxy (Lépine J.R.D., Leroy P.), **313,** 263
Inversion of stellar statistics equation for the Galactic bulge (López-Corredoira M., Hammersley P.L., Garzón F., Simonneau E., Mahoney T.J.), **313,** 392
Detection of the old stellar component of the major Galactic bar (Hammersley P.L., Garzón F., Mahoney T.J., López-Corredoira M., Torres M.A.P.), **317,** L45

Structure
Two measures of the shape of the dark halo of the Milky Way (Olling R.P., Merrifield M.R.), **311,** 361
Constraints on the mass and abundance of black holes in the Galactic halo: the high-mass limit (Murali C., Arras P., Wasserman I.), **313,** 87
The local density of matter mapped by *Hipparcos* (Holmberg J., Flynn C.), **313,** 209
A new model for the infrared brightness of the Galaxy (Lépine J.R.D., Leroy P.), **313,** 263
Inversion of stellar statistics equation for the Galactic bulge (López-Corredoira M., Hammersley P.L., Garzón F., Simonneau E., Mahoney T.J.), **313,** 392
The local solar motion and the scalelength of the Galactic disc (Feast M.), **313,** 596
A dynamical model of the inner Galaxy (Häfner R., Evans N.W., Dehnen W., Binney J.), **314,** 433
Deprojection of light distributions of nearby systems: perspective effect and non-uniqueness (Zhao H.), **316,** 418
Mira kinematics from *Hipparcos* data: a Galactic bar to beyond the Solar circle (Feast M.W., Whitelock P.A.), **317,** 460
Detection of the old stellar component of the major Galactic bar (Hammersley P.L., Garzón F., Mahoney T.J., López-Corredoira M., Torres M.A.P.), **317,** L45
High proper motion stars in Kapteyn Selected Area 94 (Cooke J.A., Reid I.N.), **318,** 1206
Galactic 1.275-MeV emission from ONe novae and its detectability by *INTEGRAL*/SPI (Jean P., Hernanz M., Gómez-Gomar J., José J.), **319,** 350

Galaxies

Abundances
Constraining the star formation histories of spiral bulges (Proctor R.N., Sansom A.E., Reid I.N.), **311,** 37
Hard X-ray emission from elliptical galaxies (Allen S.W., Di Matteo T., Fabian A.C.), **311,** 493
An empirical calibration of nebular abundances based on the sulphur emission lines (Díaz A.I., Pérez-Montero E.), **312,** 130
Chemo-spectrophotometric evolution of spiral galaxies – II. Main properties of present-day disc galaxies (Boissier S., Prantzos N.), **312,** 398
The stellar populations of spiral galaxies (Bell E.F., de Jong R.S.), **312,** 497
Statistical properties of metal abundances of the intracluster medium in the central region of clusters (Fukazawa Y., Makishima K., Tamura T., Nakazawa K., Ezawa H., Ikebe Y., Kikuchi K., Ohashi T.), **313,** 21
Chemical composition of eclipsing binaries: a new approach to the helium-to-metal enrichment ratio (Ribas I., Jordi C., Torra J., Giménez Á.), **313,** 99
Chemo-spectrophotometric evolution of spiral galaxies – III. Abundance and colour gradients in discs (Prantzos N., Boissier S.), **313,** 338
Tracing the vertical composition of disc galaxies through colour gradients (de Grijs R., Peletier R.F.), **313,** 800
Wide-field CCD surface photometry of the giant elliptical galaxy NGC 4472 in the Virgo cluster (Kim E., Lee M.G., Geisler D.), **314,** 307
Metallicity in damped Lyman-α systems: evolution or bias? (Prantzos N., Boissier S.), **315,** 82
The stellar populations of early-type galaxies in the Fornax cluster (Kuntschner H.), **315,** 184
Galactic bulges (Mollá M., Ferrini F., Gozzi G.), **316,** 345
Gas properties of H II and starburst galaxies: relation with the stellar population (Raimann D., Storchi-Bergmann T., Bica E., Melnick J., Schmitt H.), **316,** 559

Active
Deep spectroscopy of distant 3CR radio galaxies: the data (Best P.N., Röttgering H.J.A., Longair M.S.), **311,** 1
Ionization, shocks and evolution of the emission-line gas of distant 3CR radio galaxies (Best P.N., Röttgering H.J.A., Longair M.S.), **311,** 23
V, *R*, *I* and Hα photometry of circumnuclear star-forming regions in four galaxies with different levels of nuclear activity (Díaz A.I., Álvarez Álvarez M., Terlevich E., Terlevich R., Sánchez Portal M., Aretxaga I.), **311,** 120
Iron Kα line profiles driven by non-axisymmetric illumination (Yu Q., Lu Y.), **311,** 161
NICMOS images of JVAS/CLASS gravitational lens systems (Jackson N., Xanthopoulos E., Browne I.W.A.), **311,** 389
Collimation of extragalactic radio jets in compact steep-spectrum and larger sources (Jeyakumar S., Saikia D.J.), **311,** 397
Erratum: Mass function of dormant black holes and the evolution of active galactic nuclei (Salucci P., Szuszkiewicz E., Monaco P., Danese L.), **311,** 448
The *ROSAT* International X-ray/Optical Survey (RIXOS): source catalogue (Mason K.O. et al.), **311,** 456
Hard X-ray emission from elliptical galaxies (Allen S.W., Di Matteo T., Fabian A.C.), **311,** 493

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The luminosity dependence of opening angle in unified models of active galaxies (Rudge C.M., Raine D.J.), **311,** 621
An asymmetric relativistic model for classical double radio sources (Arshakian T.G., Longair M.S.), **311,** 846
Broad-band and Hα surface photometry of the central regions of nearby active galaxies – I. Observations (Sánchez-Portal M., Díaz Á.I., Terlevich R., Terlevich E., Álvarez Álvarez M., Aretxaga I.), **312,** 2
The 0.1–100 keV spectrum and variability of Mrk 421 in a high state (Malizia A., Capalbi M., Fiore F., Giommi P., Gandolfi G., Tesseri A., Antonelli L.A., Butler R.C., Celidonio G., Coletta A., Di Ciolo L., Muller J.M., Piro L., Rebecchi S., Ricci D., Ricci R., Smith M., Torroni V.), **312,** 123
The contribution of unresolved radio-loud AGN to the extragalactic diffuse gamma-ray background (Mücke A., Pohl M.), **312,** 177
An ultrasoft X-ray source (RX 215319–1514) and discovery of a narrow-line Seyfert 1 galaxy (Singh K.P., Jones L.R.), **312,** 380
A generic scattering model for AGN (Young S.), **312,** 567
A multiwavelength view at the heart of the superwind in NGC 253 (Forbes D.A., Polehampton E., Stevens I.R., Brodie J.P., Ward M.J.), **312,** 689
Effects of Kerr space–time on spectral features from X-ray illuminated accretion discs (Martocchia A., Karas V., Matt G.), **312,** 817
Simultaneous EUV and X-ray variability of NGC 4051 (Uttley P., M^{c}Hardy I.M., Papadakis I.E., Cagnoni I., Fruscione A.), **312,** 880
PDS 456: an extreme accretion rate quasar? (Reeves J.N., O'Brien P.T., Vaughan S., Law-Green D., Ward M., Simpson C., Pounds K.A., Edelson R.), **312,** L17
The 3.4-μm absorption feature towards the nucleus of NGC 5506 (Imanishi M.), **313,** 165
The hyperluminous infrared quasar 3C 318 and its implications for interpreting submm detections of high-redshift radio galaxies (Willott C.J., Rawlings S., Jarvis M.J.), **313,** 237
The environments of intermediate-redshift QSOs: $0.3 < z < 0.7$ (Smith R.J., Boyle B.J., Maddox S.J.), **313,** 252
Intraday polarization variability outside the VLBI core of the active galactic nucleus 0716 + 714 (Gabuzda D.C., Kochenov P.Yu., Cawthorne T.V., Kollgaard R.I.), **313,** 627
Constraints on the nuclear emission of the Circinus galaxy: optical and near-IR spectropolarimetry (Alexander D.M., Heisler C.A., Young S., Lumsden S.L., Hough J.H., Bailey J.A.), **313,** 815
The radio jets in B2 0755 + 379 (Bondi M., Parma P., de Ruiter H., Fanti R., Laing R.A., Fomalont E.B.), **314,** 11
A deep *ROSAT* survey – XV. The average QSO spectrum and its evolution (Blair A.J., Stewart G.C., Georgantopoulos I., Boyle B.J., Griffiths R.E., Shanks T., Almaini O.), **314,** 138
Adaptive optics near-infrared imaging of NGC 2992 – unveiling core structures related to radio figure-of-8 loops (Chapman S.C., Morris S.L., Alonso-Herrero A., Falcke H.), **314,** 263
Radio, optical and X-ray nuclei in nearby 3CRR radio galaxies (Hardcastle M.J., Worrall D.M.), **314,** 359
The role of advection in the accreting corona model for active galactic nuclei and Galactic black holes (Janiuk A., Życki P.T., Czerny B.), **314,** 364
High-resolution radio observations of Seyfert galaxies in the extended 12-μm sample – I. The observations (Thean A., Pedlar A., Kukula M.J., Baum S.A., O'Dea C.P.), **314,** 573
X-ray observations of the ultraluminous infrared galaxy IRAS 19254–7245 (the Superantennae) (Pappa A., Georgantopoulos I., Stewart G.C.), **314,** 589
Rapid optical variability in radio-quiet QSOs (Gopal-Krishna, Gupta A.C., Sagar R., Wiita P.J., Chaubey U.S., Stalin C.S.), **314,** 815
The large-scale distribution of warm ionized gas around nearby radio galaxies with jet–cloud interactions (Tadhunter C.N., Villar-Martin M., Morganti R., Bland-Hawthorn J., Axon D.), **314,** 849
Optical, near-infrared and hard X-ray observations of SAX J1353.9 + 1820: a red quasar (Vignali C., Mignoli M., Comastri A., Maiolino R., Fiore F.), **314,** L11
Narrow-line Seyfert 1 galaxies and the evolution of galaxies and active galaxies (Mathur S.), **314,** L17
X-ray iron line variability for the model of an orbiting flare above a black hole accretion disc (Ruszkowski M.), **315,** 1
More redshifts of powerful equatorial radio sources from the Best, Röttgering & Lehnert sample (Best P.N., Röttgering H.J.A., Lehnert M.D.), **315,** 21
X-ray observations of the 'composite' Seyfert/star-forming galaxy IRAS 00317–2142 (Georgantopoulos I.), **315,** 77
The structure of black hole magnetospheres – I. Schwarzschild black holes (Ghosh P.), **315,** 89
A *ROSAT* High Resolution Imager survey of bright nearby galaxies (Roberts T.P., Warwick R.S.), **315,** 98
An extended multi-zone model for the MCG–6-30-15 warm absorber (Morales R., Fabian A.C., Reynolds C.S.), **315,** 149
On the influence of resonant absorption on the iron emission-line profiles from accreting black holes (Ruszkowski M., Fabian A.C.), **315,** 223
X-ray variability in a deep, flux-limited sample of QSOs (Almaini O., Lawrence A., Shanks T., Edge A., Boyle B.J., Georgantopoulos I., Gunn K.F., Stewart G.C., Griffiths R.E.), **315,** 325
Radio galaxies with a 'double-double' morphology – I. Analysis of the radio properties and evidence for interrupted activity in active galactic nuclei (Schoenmakers A.P., de Bruyn A.G., Röttgering H.J.A., van der Laan H., Kaiser C.R.), **315,** 371
Radio galaxies with a 'double-double' morphology – II. The evolution of double-double radio galaxies and implications for the alignment effect in FRII sources (Kaiser C.R., Schoenmakers A.P., Röttgering H.J.A.), **315,** 381
Radio galaxies with a 'double-double' morphology – III. The case of B 1834 + 620 (Schoenmakers A.P., de Bruyn A.G., Röttgering H.J.A., van der Laan H.), **315,** 395
Hubble Space Telescope observations of X-ray-selected active galactic nuclei (Schade D.J., Boyle B.J., Letawsky M.), **315,** 498
Compact radio sources variable at 151 MHz – I. Catalogue of sources (Minns A.R., Riley J.M.), **315,** 839
Testing the connection between the X-ray and submillimetre source populations using *Chandra* (Fabian A.C., Smail I., Iwasawa K., Allen S.W., Blain A.W., Crawford C.S., Ettori S., Ivison R.J., Johnstone R.M., Kneib J.-P., Wilman R.J.), **315,** L8
ROSAT PSPC detection of soft X-ray absorption in GB 1428 + 4217: the most distant matter yet probed with X-ray spectroscopy (Boller Th., Fabian A.C., Brandt W.N., Freyberg M.J.), **315,** L23
Extended gas in Seyfert galaxies: near-infrared observations of 15 active nuclei (Winge C., Storchi-Bergmann T., Ward M.J., Wilson A.S.), **316,** 1
A near-infrared polarized bipolar cone in the Circinus galaxy (Ruiz M., Alexander D.M., Young S., Hough J., Lumsden S.L., Heisler C.A.), **316,** 49
Magnetic confinement, magnetohydrodynamic waves and smooth line profiles in active galactic nuclei (Bottorff M.C., Ferland G.J.), **316,** 103
Optical off-nuclear spectra of quasar hosts and radio galaxies (Hughes D.H., Kukula M.J., Dunlop J.S., Boroson T.), **316,** 204
X-ray spectra of a large sample of quasars with *ASCA* (Reeves J.N., Turner M.J.L.), **316,** 234
Clustering of galaxies around radio quasars at $0.5 \leq z \leq 0.8$ (Wold M., Lacy M., Lilje P.B., Serjeant S.), **316,** 267
RXTE observation of NGC 6240: a search for the obscured active nucleus (Ikebe Y., Leighly K., Tanaka Y., Nakagawa T., Terashima Y., Komossa S.), **316,** 433
The quasar fraction in low-frequency-selected complete samples and implications for unified schemes (Willott C.J., Rawlings S., Blundell K.M., Lacy M.), **316,** 449
Two-phase radiative/conductive equilibrium in active galactic nuclei and galactic black holes (Różańska A., Czerny B.), **316,** 473
The European Large Area *ISO* Survey – I. Goals, definition and observations (Oliver S. et al.), **316,** 749
Quasars: a supermassive rotating toroidal black hole interpretation (Spivey R.J.), **316,** 856
High spatial resolution observations of CUDSS14A: a SCUBA-selected ultraluminous galaxy at high redshift (Gear W.K., Lilly S.J.,

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Stevens J.A., Clements D.L., Webb T.M., Eales S.A., Dunne L.), **316,** L51
Optical/ultraviolet morphology and alignment of low-redshift radio galaxies (Roche N., Eales S.A.), **317,** 120
The evolution of 3CR radio galaxies from $z = 1$ (McLure R.J., Dunlop J.S.), **317,** 249
The infrared jet in 3C 66B (Tansley D., Birkinshaw M., Hardcastle M.J., Worrall D.M.), **317,** 623
Relativistic beaming effects in the spectra of cores and hotspots in radio galaxies and quasars (Ishwara-Chandra C.H., Saikia D.J.), **317,** 658
The cluster environments of the $z \sim 1$ 3CR radio galaxies (Best P.N.), **317,** 720
Detection of exceptional X-ray spectral variability in the TeV BL Lac 1ES 2344 + 514 (Giommi P., Padovani P., Perlman E.), **317,** 743
The LBDS Hercules sample of mJy radio sources at 1.4 GHz – I. Multicolour photometry (Waddington I., Windhorst R.A., Dunlop J.S., Koo D.C., Peacock J.A.), **317,** 801
Reprocessed emission from warped accretion discs with application to X-ray iron line profiles (Hartnoll S.A., Blackman E.G.), **317,** 880
Stellar indices and kinematics in Seyfert 1 nuclei (Jiménez-Benito L., Díaz A.I., Terlevich R., Terlevich E.), **317,** 907
Testing the photoionization models of powerful radio galaxies: mixed line-emitting media in 3C 321 (Robinson T.G., Tadhunter C.N., Axon D.J., Robinson A.), **317,** 922
The 2dF QSO Redshift Survey – I. The optical luminosity function of quasi-stellar objects (Boyle B.J., Shanks T., Croom S.M., Smith R.J., Miller L., Loaring N., Heymans C.), **317,** 1014
Infrared photometry of $z \sim 1$ 3C quasars (Simpson C., Rawlings S.), **317,** 1023
The evidence against Comptonization as a mechanism to explain the Fe Kα line profile in MCG–6-30-15 (Ruszkowski M., Fabian A.C., Ross R.R., Iwasawa K.), **317,** L11
The X-ray spectra of Compton-thick Seyfert 2 galaxies as seen by *BeppoSAX* (Matt G., Fabian A.C., Guainazzi M., Iwasawa K., Bassani L., Malaguti G.), **318,** 173
Active nucleus in a post-starburst galaxy: KUG 1259 + 280 (Dewangan G.C., Singh K.P., Mayya Y.D., Anupama G.C.), **318,** 309
The space density of low-redshift active galactic nuclei (Londish D., Boyle B.J., Schade D.J.), **318,** 411
The density of extremely red objects around high-z radio-loud active galactic nuclei (Cimatti A., Villani D., Pozzetti L., di Serego Alighieri S.), **318,** 453
Spectral energy distributions of FR I nuclei and the FR I/BL Lac unifying model (Capetti A., Trussoni E., Celotti A., Feretti L., Chiaberge M.), **318,** 493
A cloud model of active galactic nuclei: the iron Kα line diagnostics (Karas V., Czerny B., Abrassart A., Abramowicz M.A.), **318,** 547
Two-dimensional modelling of optical *Hubble Space Telescope* and infrared tip–tilt images of quasar host galaxies (McLure R.J., Dunlop J.S., Kukula M.J.), **318,** 693
Compact radio sources variable at 151 MHz – II. High-resolution observations of an unbiased sample (Minns A.R., Riley J.M.), **318,** 827
The X-ray variability of the Seyfert 1 galaxy MCG–6-30-15 from long *ASCA* and *RXTE* observations (Lee J.C., Fabian A.C., Reynolds C.S., Brandt W.N., Iwasawa K.), **318,** 857
The angular correlation function of the *ROSAT* All-Sky Survey Bright Source Catalogue (Akylas A., Georgantopoulos I., Plionis M.), **318,** 1036
The redshift distribution of FIRST radio sources at 1 mJy (Magliocchetti M., Maddox S.J., Wall J.V., Benn C.R., Cotter G.), **318,** 1047
Molecular hydrogen emission in Cygnus A (Wilman R.J., Edge A.C., Johnstone R.M., Crawford C.S., Fabian A.C.), **318,** 1232
Hot dust in two hard *Chandra* X-ray sources (Wilman R.J., Fabian A.C., Gandhi P.), **318,** L11
Stellar contributors to the hard X-ray background? (Natarajan P., Almaini O.), **318,** L21
Evolutionary models for radio sources from compact sources to classical doubles (Alexander P.), **319,** 8
Multiwavelength study of the nuclei of a volume-limited sample of galaxies – I. X-ray observations (Lira P., Lawrence A., Johnson R.A.), **319,** 17
A search for the submillimetre counterparts to Lyman break galaxies (Chapman S.C., Scott D., Steidel C.C., Borys C., Halpern M., Morris S.L., Adelberger K.L., Dickinson M., Giavalisco M., Pettini M.), **319,** 318
The 3.4-μm absorption feature towards three obscured active galactic nuclei (Imanishi M.), **319,** 331
Multifrequency VLBI observations of faint gigahertz peaked spectrum sources (Snellen I.A.G., Schilizzi R.T., van Langevelde H.J.), **319,** 429
On the evolution of young radio-loud AGN (Snellen I.A.G., Schilizzi R.T., Miley G.K., de Bruyn A.G., Bremer M.N., Röttgering H.J.A.), **319,** 445
Radio circular polarization of active galaxies (Rayner D.P., Norris R.P., Sault R.J.), **319,** 484
The environments of FRII radio sources (Hardcastle M.J., Worrall D.M.), **319,** 562
A physical model for the hard X-ray background (Wilman R.J., Fabian A.C., Nulsen P.E.J.), **319,** 583
Near-infrared adaptive optics imaging of nuclear spiral structure in the Seyfert galaxy NGC 3227 (Chapman S.C., Morris S.L., Walker G.A.H.), **319,** 666
Spectropolarimetry of broad Hα lines in radio galaxies: constraints on the geometry of the broad-line and scattering regions (Corbett E.A., Robinson A., Axon D.J., Young S.), **319,** 685
1–5 μm imaging of 3CRR galaxies: the K–z relation and the geometry of the torus (Simpson C., Ward M., Wall J.V.), **319,** 963
Possible evidence for the disc origin for the powering of jets in Sgr A* and nearby elliptical galaxies (Yuan F.), **319,** 1178

BL Lacertae objects: general
Radio, optical and X-ray nuclei in nearby 3CRR radio galaxies (Hardcastle M.J., Worrall D.M.), **314,** 359
Spectral energy distributions of FR I nuclei and the FR I/BL Lac unifying model (Capetti A., Trussoni E., Celotti A., Feretti L., Chiaberge M.), **318,** 493
VLBI polarization images of eight compact active galactic nuclei at $\lambda = 1.3$ cm (Gabuzda D.C., Cawthorne T.V.), **319,** 1056
Analysis of $\lambda = 6$ cm VLBI polarization observations of a complete sample of northern BL Lacertae objects (Gabuzda D.C., Pushkarev A.B., Cawthorne T.V.), **319,** 1109

BL Lacertae objects: individual: 0716 + 714
Intraday polarization variability outside the VLBI core of the active galactic nucleus 0716 + 714 (Gabuzda D.C., Kochenov P.Yu., Cawthorne T.V., Kollgaard R.I.), **313,** 627

BL Lacertae objects: individual: 0954 + 658
VLBI and VLA observations of intraday polarization variability in 0917 + 624 and 0954 + 658 (Gabuzda D.C., Kochenov P.Yu., Kollgaard R.I., Cawthorne T.V.), **315,** 229

BL Lacertae objects: individual: 1334–127
Serendipitous VLBI observations of polarization intraday variability in three BL Lacertae objects (Gabuzda D.C., Kochenov P.Yu., Cawthorne T.V.), **319,** 1125

BL Lacertae objects: individual: 2131–021
Serendipitous VLBI observations of polarization intraday variability in three BL Lacertae objects (Gabuzda D.C., Kochenov P.Yu., Cawthorne T.V.), **319,** 1125

BL Lacertae objects: individual: 2155–152
Serendipitous VLBI observations of polarization intraday variability in three BL Lacertae objects (Gabuzda D.C., Kochenov P.Yu., Cawthorne T.V.), **319,** 1125

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BL Lacertae objects: individual: 1ES 2344 + 514
Detection of exceptional X-ray spectral variability in the TeV BL Lac 1ES 2344 + 514 (Giommi P., Padovani P., Perlman E.), **317,** 743

BL Lacertae objects: individual: BL Lacertae
A Seyfert-like nucleus concealed in BL Lacertae? (Corbett E.A., Robinson A., Axon D.J., Hough J.H.), **311,** 485

BL Lacertae objects: individual: Mrk 421
The 0.1–100 keV spectrum and variability of Mrk 421 in a high state (Malizia A., Capalbi M., Fiore F., Giommi P., Gandolfi G., Tesseri A., Antonelli L.A., Butler R.C., Celidonio G., Coletta A., Di Ciolo L., Muller J.M., Piro L., Rebecchi S., Ricci D., Ricci R., Smith M., Torroni V.), **312,** 123

Clusters: general
The history of cosmic baryons: X-ray emission versus star formation rate (Menci N., Cavaliere A.), **311,** 50
Scaling laws in gravitational clustering for counts-in-cells and mass functions (Valageas P., Lacey C., Schaeffer R.), **311,** 234
The local environment of H II galaxies (Telles E., Maddox S.), **311,** 307
Note on a polytropic β-model to fit the X-ray surface brightness of clusters of galaxies (Ettori S.), **311,** 313
Universal profile of dark matter haloes and the spherical infall model (Łokas E.L.), **311,** 423
The *ROSAT* International X-ray/Optical Survey (RIXOS): source catalogue (Mason K.O. et al.), **311,** 456
Low-radiative-efficiency accretion in the nuclei of elliptical galaxies (Di Matteo T., Quataert E., Allen S.W., Narayan R., Fabian A.C.), **311,** 507
Final stages of *N*-body star cluster encounters (de Oliveira M.R., Bica E., Dottori H.), **311,** 589
The origin of wide-angle tailed radio galaxies (Sakelliou I., Merrifield M.R.), **311,** 649
Evolution of the cluster abundance in non-Gaussian models (Robinson J., Baker J.E.), **311,** 781
Constraints on the asymptotic baryon fractions of galaxy clusters at large radii (Wu X.-P., Xue Y.-J.), **311,** 825
Multiwavelength observations of an evolved galaxy group: an end-point of galaxy merging? (Jones L.R., Ponman T.J., Forbes D.A.), **312,** 139
Thermal and kinematic corrections to the microwave background polarization induced by galaxy clusters along the line of sight (Challinor A.D., Ford M.T., Lasenby A.N.), **312,** 159
On the CCD calibration of Zwicky galaxy magnitudes and the properties of nearby field galaxies (Gaztañaga E., Dalton G.B.), **312,** 417
A study of the core of the Shapley Concentration – IV. Distribution of intercluster galaxies and supercluster properties (Bardelli S., Zucca E., Zamorani G., Moscardini L., Scaramella R.), **312,** 540
COBE and global topology: an example of the application of the identified circles principle (Roukema B.F.), **312,** 712
Constraints on structure formation models from the Sunyaev–Zel'dovich effect (Majumdar S., Subrahmanyan R.), **312,** 724
Merging history trees for dark matter haloes: tests of the Merging Cell Model in a CDM cosmology (Lanzoni B., Mamon G.A., Guiderdoni B.), **312,** 781
Galaxy and cluster biasing from Local Group dynamics (Plionis M., Basilakos S., Rowan-Robinson M., Maddox S.J., Oliver S.J., Keeble O., Saunders W.), **313,** 8
Statistical properties of metal abundances of the intracluster medium in the central region of clusters (Fukazawa Y., Makishima K., Tamura T., Nakazawa K., Ezawa H., Ikebe Y., Kikuchi K., Ohashi T.), **313,** 21
Peculiar velocities of galaxy clusters (Colberg J.M., White S.D.M., MacFarland T.J., Jenkins A., Pearce F.R., Frenk C.S., Thomas P.A., Couchman H.M.P.), **313,** 229
The environments of intermediate-redshift QSOs: $0.3 < z < 0.7$ (Smith R.J., Boyle B.J., Maddox S.J.), **313,** 252
Detection of the first X-ray selected large AGN group (Tesch F., Engels D.), **313,** 377
Streaming motions of galaxy clusters within 12 000 km s^{-1} – I. New spectroscopic data (Smith R.J., Lucey J.R., Hudson M.J., Schlegel D.J., Davies R.L.), **313,** 469
Cluster versus POTENT density and velocity fields: cluster biasing and Ω (Branchini E., Zehavi I., Plionis M., Dekel A.), **313,** 491
Noise properties of gravitational lens mass reconstruction (Van Waerbeke L.), **313,** 524
A case devoid of bias: Optical Redshift Survey voids versus *IRAS* voids (El-Ad H., Piran T.), **313,** 553
Experimental cosmic statistics – I. Variance (Colombi S., Szapudi I., Jenkins A., Colberg J.), **313,** 711
Experimental cosmic statistics – II. Distribution (Szapudi I., Colombi S., Jenkins A., Colberg J.), **313,** 725
Galaxy clusters: oblate or prolate? (Cooray A.R.), **313,** 783
Galaxy destruction and diffuse light in clusters (Calcáneo-Roldán C., Moore B., Bland-Hawthorn J., Malin D., Sadler E.M.), **314,** 324
Effects of cluster galaxies on arc statistics (Meneghetti M., Bolzonella M., Bartelmann M., Moscardini L., Tormen G.), **314,** 338
The *IRAS* PSC*z* dipole (Rowan-Robinson M., Sharpe J., Oliver S.J., Keeble O., Canavezes A., Saunders W., Taylor A.N., Valentine H., Frenk C.S., Efstathiou G.P., McMahon R.G., White S.D.M., Sutherland W., Tadros H., Maddox S.), **314,** 375
The observed evolution of galaxy clustering versus epoch-dependent biasing models (Magliocchetti M., Bagla J.S., Maddox S.J., Lahav O.), **314,** 546
Radio properties of the Shapley Concentration – III. Merging clusters in the A3558 complex (Venturi T., Bardelli S., Morganti R., Hunstead R.W.), **314,** 594
The correlation function of X-ray galaxy clusters in the *ROSAT* All-Sky Survey 1 Bright Sample (Moscardini L., Matarrese S., De Grandi S., Lucchin F.), **314,** 647
The properties of cooling flows in X-ray luminous clusters of galaxies (Allen S.W.), **315,** 269
The intragroup medium in loose groups of galaxies (Helsdon S.F., Ponman T.J.), **315,** 356
Optical integral field spectroscopy of the extended line emission around six radio-loud quasars (Crawford C.S., Vanderriest C.), **315,** 433
The WARPS survey – IV. The X-ray luminosity–temperature relation of high-redshift galaxy clusters (Fairley B.W., Jones L.R., Scharf C., Ebeling H., Perlman E., Horner D., Wegner G., Malkan M.), **315,** 669
The entropy and energy of intergalactic gas in galaxy clusters (Lloyd-Davies E.J., Ponman T.J., Cannon D.B.), **315,** 689
Superlarge-scale structure in the Durham/UKST Galaxy Redshift Survey (Doroshkevich A.G., Fong R., McCracken H.J., Ratcliffe A., Shanks T., Turchaninov V.I.), **315,** 767
Hierarchical clustering and the baryon distribution in galaxy clusters (Tittley E.R., Couchman H.M.P.), **315,** 834
Evidence of self-interacting cold dark matter from galactic to galaxy cluster scales (Firmani C., D'Onghia E., Avila-Reese V., Chincarini G., Hernández X.), **315,** L29
A multiphase model for the intracluster medium (Nagai D., Sulkanen M.E., Evrard A.E.), **316,** 120
Clustering of galaxies around radio quasars at $0.5 \leq z \leq 0.8$ (Wold M., Lacy M., Lilje P.B., Serjeant S.), **316,** 267
Predicting the clustering of X-ray selected galaxy clusters in flux-limited surveys (Moscardini L., Matarrese S., Lucchin F., Rosati P.), **316,** 283
A combined analysis of cluster mass estimates from strong lensing, X-ray measurement and the universal density profile (Wu X.-P.), **316,** 299
Evaluating approximations for halo merging histories (Somerville R.S., Lemson G., Kolatt T.S., Dekel A.), **316,** 479
Cold dark matter models with a step-like initial power spectrum (Gramann M., Hütsi G.), **316,** 631
The apparent and intrinsic shape of the APM galaxy clusters (Basilakos S., Plionis M., Maddox S.J.), **316,** 779
On breaking the age–metallicity degeneracy in early-type galaxies:

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outflows versus star formation efficiency (Ferreras I., Silk J.), **316,** 786
Hydrodynamical simulations of the Sunyaev–Zel'dovich effect (da Silva A.C., Barbosa D., Liddle A.R., Thomas P.A.), **317,** 37
The PSCz catalogue (Saunders W., Sutherland W.J., Maddox S.J., Keeble O., Oliver S.J., Rowan-Robinson M., McMahon R.G., Efstathiou G.P., Tadros H., White S.D.M., Frenk C.S., Carramiñana A., Hawkins M.R.S.), **317,** 55
The stellar content of brightest cluster galaxies (James P.A., Mobasher B.), **317,** 259
An Hα survey of eight Abell clusters: the dependence of tidally induced star formation on cluster density (Moss C., Whittle M.), **317,** 667
The cluster environments of the $z \sim 1$ 3CR radio galaxies (Best P.N.), **317,** 720
The spherical infall model in a cosmological background density field (Taruya A., Soda J.), **317,** 873
The effect of radiative cooling on the X-ray properties of galaxy clusters (Pearce F.R., Thomas P.A., Couchman H.M.P., Edge A.C.), **317,** 1029
Chandra constraints on the thermal conduction in the intracluster plasma of A2142 (Ettori S., Fabian A.C.), **317,** L57
Significant effects of weak gravitational lensing on determinations of the cosmology from Type Ia supernovae (Barber A.J.), **318,** 195
Analytic model for galaxy and dark matter clustering (Seljak U.), **318,** 203
On the supernova heating of the intergalactic medium (Kravtsov A.V., Yepes G.), **318,** 227
The non-Gaussian tail of cosmic-shear statistics (Kruse G., Schneider P.), **318,** 321
The cluster abundance in cosmic string models for structure formation (Avelino P.P., Wu J.H.P., Shellard E.P.S.), **318,** 329
The *ROSAT* Brightest Cluster Sample – IV. The extended sample (Ebeling H., Edge A.C., Allen S.W., Crawford C.S., Fabian A.C., Huchra J.P.), **318,** 333
Microwave background anisotropies arising from non-linear structures in open and Λ universes (Dabrowski Y., Hall M.J., Sawicki I.L., Lasenby A.N.), **318,** 393
Statistical characteristics of simulated walls (Demiański M., Doroshkevich A.G., Müller V., Turchaninov V.), **318,** 665
Properties of the double β model for intracluster gas (Xue Y.-J., Wu X.-P.), **318,** 715
X-ray colour maps of the cores of galaxy clusters (Sanders J.S., Fabian A.C., Allen S.W.), **318,** 733
Non-gravitational heating in the hierarchical formation of X-ray clusters (Wu K.K.S., Fabian A.C., Nulsen P.E.J.), **318,** 889
β-model and cooling flows in X-ray clusters of galaxies (Ettori S.), **318,** 1041
Halo occupation numbers and galaxy bias (Peacock J.A., Smith R.E.), **318,** 1144
Are 'Bondi–Hoyle wakes' detectable in clusters of galaxies? (Sakelliou I.), **318,** 1164
Molecular hydrogen emission in Cygnus A (Wilman R.J., Edge A.C., Johnstone R.M., Crawford C.S., Fabian A.C.), **318,** 1232
Clustering of galaxy clusters in cold dark matter universes (Colberg J.M., White S.D.M., Yoshida N., MacFarland T.J., Jenkins A., Frenk C.S., Pearce F.R., Evrard A.E., Couchman H.M.P., Efstathiou G., Peacock J.A., Thomas P.A. (The Virgo Consortium)), **319,** 209
Weak gravitational lensing in different cosmologies, using an algorithm for shear in three dimensions (Barber A.J., Thomas P.A., Couchman H.M.P., Fluke C.J.), **319,** 267
A strategy for finding gravitationally lensed distant supernovae (Sullivan M., Ellis R., Nugent P., Smail I., Madau P.), **319,** 549
The environments of FRII radio sources (Hardcastle M.J., Worrall D.M.), **319,** 562
A fluctuation analysis for optical cluster galaxies – I. Theory (Windridge D., Phillipps S.), **319,** 591
The alignment of clusters using large-scale simulations (Onuora L.I., Thomas P.A.), **319,** 614
Wide triplets of galaxies: collapse on spatial scales of ~1 Mpc (Chernin A.D., Dolgachev V.P., Domozhilova L.M.), **319,** 851
The statistics of wide-separation lensed quasars (Mortlock D.J., Webster R.L.), **319,** 872
The *ROSAT*–ESO Flux-Limited X-ray (REFLEX) galaxy cluster survey – II. The spatial correlation function (Collins C.A., Guzzo L., Böhringer H., Schuecker P., Chincarini G., Cruddace R., De Grandi S., MacGillivray H.T., Neumann D.M., Schindler S., Shaver P., Voges W.), **319,** 939

Clusters: individual: 3C 129
X-ray analysis of the cluster 3C 129 (Leahy D.A., Yin D.), **313,** 617
Erratum: X-ray analysis of the cluster 3C 129 (Leahy D.A., Yin D.), **315,** 432

Clusters: individual: Abell 160
X-ray wakes in Abell 160 (Drake N., Merrifield M.R., Sakelliou I., Pinkney J.C.), **314,** 768

Clusters: individual: A2142
Chandra constraints on the thermal conduction in the intracluster plasma of A2142 (Ettori S., Fabian A.C.), **317,** L57

Clusters: individual: Abell 2219
Infrared observations of gravitational lensing in Abell 2219 with CIRSI (Gray M.E., Ellis R.S., Refregier A., Bézecourt J., McMahon R.G., Beckett M.G., Mackay C.D., Hoenig M.D.), **318,** 573

Clusters: individual: Abell 2390
Hα photometry of Abell 2390 (Balogh M.L., Morris S.L.), **318,** 703

Clusters: individual: A3556
Radio properties of the Shapley Concentration – III. Merging clusters in the A3558 complex (Venturi T., Bardelli S., Morganti R., Hunstead R.W.), **314,** 594

Clusters: individual: A3558
Radio properties of the Shapley Concentration – III. Merging clusters in the A3558 complex (Venturi T., Bardelli S., Morganti R., Hunstead R.W.), **314,** 594

Clusters: individual: A3562
Radio properties of the Shapley Concentration – III. Merging clusters in the A3558 complex (Venturi T., Bardelli S., Morganti R., Hunstead R.W.), **314,** 594
BeppoSAX–ROSAT PSPC observations of the Shapley supercluster: A3562 (Ettori S., Bardelli S., De Grandi S., Molendi S., Zamorani G., Zucca E.), **318,** 239

Clusters: individual: Centaurus
Galaxy destruction and diffuse light in clusters (Calcáneo-Roldán C., Moore B., Bland-Hawthorn J., Malin D., Sadler E.M.), **314,** 324

Clusters: individual: Coma
Spectroscopic constraints on the stellar population of elliptical galaxies in the Coma cluster (Mobasher B., James P.A.), **316,** 507

Clusters: individual: Fornax
The stellar populations of early-type galaxies in the Fornax cluster (Kuntschner H.), **315,** 184

Clusters: individual: the Ophiuchus cluster
Large-scale structure of galaxies in the Ophiuchus region (Hasegawa T., Wakamatsu K., Malkan M., Sekiguchi K., Menzies J.W., Parker Q.A., Jugaku J., Karoji H., Okamura S.), **316,** 326

Clusters: individual: Perseus
Chandra imaging of the complex X-ray core of the Perseus cluster (Fabian A.C., Sanders J.S., Ettori S., Taylor G.B., Allen S.W., Crawford C.S., Iwasawa K., Johnstone R.M., Ogle P.M.), **318,** L65

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Clusters: individual: SC 1329–313
Radio properties of the Shapley Concentration – III. Merging clusters in the A3558 complex (Venturi T., Bardelli S., Morganti R., Hunstead R.W.), **314,** 594

Clusters: individual: Ursa Major
The bimodal spiral galaxy surface brightness distribution (Bell E.F., de Blok W.J.G.), **311,** 668

Clusters: individual: Virgo
Wide-field CCD surface photometry of the giant elliptical galaxy NGC 4472 in the Virgo cluster (Kim E., Lee M.G., Geisler D.), **314,** 307

Clusters: individual: Zw 1609.0 + 8212
A spectroscopic study of NGC 6251 and its companion galaxies (Werner P.N., Worrall D.M., Birkinshaw M.), **317,** 105

Clusters: individual: Zw 1718.1–0108
Zw 1718.1–0108: a highly disturbed galaxy cluster at low Galactic latitude (Iwasawa K., Ettori S., Fabian A.C., Edge A.C., Ebeling H.), **313,** 515

Compact
Population synthesis of H II galaxies (Raimann D., Bica E., Storchi-Bergmann T., Melnick J., Schmitt H.), **314,** 295
Gas properties of H II and starburst galaxies: relation with the stellar population (Raimann D., Storchi-Bergmann T., Bica E., Melnick J., Schmitt H.), **316,** 559
Molecular gas in blue compact dwarf galaxies (Barone L.T., Heithausen A., Hüttemeister S., Fritz T., Klein U.), **317,** 649

Cooling flows
Low-radiative-efficiency accretion in the nuclei of elliptical galaxies (Di Matteo T., Quataert E., Allen S.W., Narayan R., Fabian A.C.), **311,** 507
Deconvolution of *ASCA* X-ray data – II. Radial temperature and metallicity profiles for 106 galaxy clusters (White D.A.), **312,** 663
X-ray analysis of the cluster 3C 129 (Leahy D.A., Yin D.), **313,** 617
Diffuse X-ray emission from late-type galaxy haloes (Benson A.J., Bower R.G., Frenk C.S., White S.D.M.), **314,** 557
The properties of cooling flows in X-ray luminous clusters of galaxies (Allen S.W.), **315,** 269
Erratum: X-ray analysis of the cluster 3C 129 (Leahy D.A., Yin D.), **315,** 432
Optical integral field spectroscopy of the extended line emission around six radio-loud quasars (Crawford C.S., Vanderriest C.), **315,** 433
X-ray colour maps of the cores of galaxy clusters (Sanders J.S., Fabian A.C., Allen S.W.), **318,** 733
Non-gravitational heating in the hierarchical formation of X-ray clusters (Wu K.K.S., Fabian A.C., Nulsen P.E.J.), **318,** 889
Molecular hydrogen emission in Cygnus A (Wilman R.J., Edge A.C., Johnstone R.M., Crawford C.S., Fabian A.C.), **318,** 1232
Chandra imaging of the complex X-ray core of the Perseus cluster (Fabian A.C., Sanders J.S., Ettori S., Taylor G.B., Allen S.W., Crawford C.S., Iwasawa K., Johnstone R.M., Ogle P.M.), **318,** L65

Distances and redshifts
The supergalactic plane revisited with the Optical Redshift Survey (Lahav O., Santiago B.X., Webster A.M., Strauss M.A., Davis M., Dressler A., Huchra J.P.), **312,** 166
A study of the core of the Shapley Concentration – IV. Distribution of intercluster galaxies and supercluster properties (Bardelli S., Zucca E., Zamorani G., Moscardini L., Scaramella R.), **312,** 540
Is the radiation temperature–redshift relation of the standard cosmology in accordance with the data? (Lima J.A.S., Silva A.I., Viegas S.M.), **312,** 747
Red companions to a $z = 2.15$ radio-loud quasar (Clements D.L.), **312,** L61
Period–luminosity relations for red supergiant variables – I. The calibration (Pierce M.J., Jurcevic J.S., Crabtree D.), **313,** 271
Streaming motions of galaxy clusters within 12 000 km s^{-1} – I. New spectroscopic data (Smith R.J., Lucey J.R., Hudson M.J., Schlegel D.J., Davies R.L.), **313,** 469
Period–luminosity relations for red supergiant variables – II. The distance to M101 (Jurcevic J.S., Pierce M.J., Jacoby G.H.), **313,** 868
More redshifts of powerful equatorial radio sources from the Best, Röttgering & Lehnert sample (Best P.N., Röttgering H.J.A., Lehnert M.D.), **315,** 21
A ROBUST method for fitting peculiar velocity field models (Rauzy S., Hendry M.A.), **316,** 621
The PSCz catalogue (Saunders W., Sutherland W.J., Maddox S.J., Keeble O., Oliver S.J., Rowan-Robinson M., McMahon R.G., Efstathiou G.P., Tadros H., White S.D.M., Frenk C.S., Carramiñana A., Hawkins M.R.S.), **317,** 55
A spectroscopic study of NGC 6251 and its companion galaxies (Werner P.N., Worrall D.M., Birkinshaw M.), **317,** 105
A critical-density closed universe in Brans–Dicke theory (del Campo S., Cruz N.), **317,** 825
The one-point PDF of the initial conditions of our local Universe from the *IRAS* PSC redshift catalogue (Monaco P., Efstathiou G., Maddox S.J., Branchini E., Frenk C.S., McMahon R.G., Oliver S.J., Rowan-Robinson M., Saunders W., Sutherland W.J., Tadros H., White S.D.M.), **318,** 681
Cosmic momentum field and mass fluctuation power spectrum (Park C.), **319,** 573
Constraining the radio–submillimetre redshift indicator using data from the SCUBA Local Universe Galaxy Survey (Dunne L., Clements D.L., Eales S.A.), **319,** 813

Elliptical and lenticular, cD
Approximate third integrals for axisymmetric potentials using local Stäckel fits (De Bruyne V., Leeuwin F., Dejonghe H.), **311,** 297
SCUBA observations of the elliptical galaxy NGC 4374 (Leeuw L.L., Sansom A.E., Robson E.I.), **311,** 683
Multiwavelength observations of an evolved galaxy group: an end-point of galaxy merging? (Jones L.R., Ponman T.J., Forbes D.A.), **312,** 139
Imaging of the merging galaxy NGC 3597 and its population of protoglobular clusters (Forbes D.A., Hau G.K.T.), **312,** 703
Statistical properties of metal abundances of the intracluster medium in the central region of clusters (Fukazawa Y., Makishima K., Tamura T., Nakazawa K., Ezawa H., Ikebe Y., Kikuchi K., Ohashi T.), **313,** 21
Kinematics of elliptical galaxies with a diffuse dust component (Baes M., Dejonghe H.), **313,** 153
Streaming motions of galaxy clusters within 12 000 km s^{-1} – I. New spectroscopic data (Smith R.J., Lucey J.R., Hudson M.J., Schlegel D.J., Davies R.L.), **313,** 469
The fundamental plane of elliptical galaxies with modified Newtonian dynamics (Sanders R.H.), **313,** 767
Wide-field CCD surface photometry of the giant elliptical galaxy NGC 4472 in the Virgo cluster (Kim E., Lee M.G., Geisler D.), **314,** 307
The stellar populations of early-type galaxies in the Fornax cluster (Kuntschner H.), **315,** 184
The line-of-sight velocity distributions of simulated merger remnants (Bendo G.J., Barnes J.E.), **316,** 315
Spectroscopic constraints on the stellar population of elliptical galaxies in the Coma cluster (Mobasher B., James P.A.), **316,** 507
On breaking the age–metallicity degeneracy in early-type galaxies: outflows versus star formation efficiency (Ferreras I., Silk J.), **316,** 786
Central cusp caused by a supermassive black hole in axisymmetric models of elliptical galaxies (Leeuwin F., Athanassoula E.), **317,** 79
The stellar content of brightest cluster galaxies (James P.A., Mobasher B.), **317,** 259
Imaging of the protoelliptical NGC 1700 and its globular cluster system (Brown R.J.N., Forbes D.A., Kissler-Patig M., Brodie J.P.), **317,** 406
Extremely red galaxies: age and dust degeneracy solved? (Pozzetti L., Mannucci F.), **317,** L17

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Kinematics of elliptical galaxies with a diffuse dust component – II. Dust effects on kinematic modelling (Baes M., Dejonghe H., De Rijcke S.), **318,** 798
Evolution of globular cluster systems in elliptical galaxies – I. Log-normal initial mass function (Vesperini E.), **318,** 841
Ages and metallicities of globular clusters in NGC 4472 (Beasley M.A., Sharples R.M., Bridges T.J., Hanes D.A., Zepf S.E., Ashman K.M., Geisler D.), **318,** 1249
Flattened Jaffe models for galaxies (Zhenglu J.), **319,** 1067

Evolution
Constraining the star formation histories of spiral bulges (Proctor R.N., Sansom A.E., Reid I.N.), **311,** 37
X-ray evidence for multiphase hot gas with nearly solar Fe abundances in the brightest groups of galaxies (Buote D.A.), **311,** 176
An improved method of constructing binned luminosity functions (Page M.J., Carrera F.J.), **311,** 433
Erratum: Mass function of dormant black holes and the evolution of active galactic nuclei (Salucci P., Szuszkiewicz E., Monaco P., Danese L.), **311,** 448
Hubble Space Telescope imaging of the CFRS and LDSS redshift surveys – IV. Influence of mergers in the evolution of faint field galaxies from $z \sim 1$ (Le Fèvre O., Abraham R., Lilly S.J., Ellis R.S., Brinchmann J., Schade D., Tresse L., Colless M., Crampton D., Glazebrook K., Hammer F., Broadhurst T.), **311,** 565
The bimodal spiral galaxy surface brightness distribution (Bell E.F., de Blok W.J.G.), **311,** 668
Galaxy number counts – IV. Surveying the Herschel Deep Field in the near-infrared (McCracken H.J., Metcalfe N., Shanks T., Campos A., Gardner J.P., Fong R.), **311,** 707
An asymmetric relativistic model for classical double radio sources (Arshakian T.G., Longair M.S.), **311,** 846
Secular evolution of late-type disc galaxies: formation of bulges and the origin of bar dichotomy (Noguchi M.), **312,** 194
Ram-pressure stripping of the interstellar medium in NGC 4485 (Clemens M.S., Alexander P., Green D.A.), **312,** 236
Galaxy formation and evolution – II. Energy balance, star formation and feedback (Buonomo F., Carraro G., Chiosi C., Lia C.), **312,** 371
Chemo-spectrophotometric evolution of spiral galaxies – II. Main properties of present-day disc galaxies (Boissier S., Prantzos N.), **312,** 398
On the CCD calibration of Zwicky galaxy magnitudes and the properties of nearby field galaxies (Gaztañaga E., Dalton G.B.), **312,** 417
An ultraviolet-selected galaxy redshift survey – II. The physical nature of star formation in an enlarged sample (Sullivan M., Treyer M.A., Ellis R.S., Bridges T.J., Milliard B., Donas J.), **312,** 442
The star formation histories of low surface brightness galaxies (Bell E.F., Barnaby D., Bower R.G., de Jong R.S., Harper D.A., Jr, Hereld M., Loewenstein R.F., Rauscher B.J.), **312,** 470
The stellar populations of spiral galaxies (Bell E.F., de Jong R.S.), **312,** 497
Imaging of the merging galaxy NGC 3597 and its population of protoglobular clusters (Forbes D.A., Hau G.K.T.), **312,** 703
Modelling star formation and feedback in simulations of interacting galaxies (Springel V.), **312,** 859
Deep galaxy counts, extragalactic background light and the stellar baryon budget (Madau P., Pozzetti L.), **312,** L9
Gamma-ray bursts and the history of star formation (Blain A.W., Natarajan P.), **312,** L35
The hyperluminous infrared quasar 3C 318 and its implications for interpreting submm detections of high-redshift radio galaxies (Willott C.J., Rawlings S., Jarvis M.J.), **313,** 237
The role of stellar feedback and dark matter in the evolution of dwarf galaxies (Ferrara A., Tolstoy E.), **313,** 291
Chemo-spectrophotometric evolution of spiral galaxies – III. Abundance and colour gradients in discs (Prantzos N., Boissier S.), **313,** 338
Millimetre/submillimetre-wave emission-line searches for high-redshift galaxies (Blain A.W., Frayer D.T., Bock J.J., Scoville N.Z.), **313,** 559
A deep *ROSAT* survey – XV. The average QSO spectrum and its evolution (Blair A.J., Stewart G.C., Georgantopoulos I., Boyle B.J., Griffiths R.E., Shanks T., Almaini O.), **314,** 138
Population synthesis of H II galaxies (Raimann D., Bica E., Storchi-Bergmann T., Melnick J., Schmitt H.), **314,** 295
Galaxy destruction and diffuse light in clusters (Calcáneo-Roldán C., Moore B., Bland-Hawthorn J., Malin D., Sadler E.M.), **314,** 324
Narrow-line Seyfert 1 galaxies and the evolution of galaxies and active galaxies (Mathur S.), **314,** L17
Metallicity in damped Lyman-α systems: evolution or bias? (Prantzos N., Boissier S.), **315,** 82
X-ray variability in a deep, flux-limited sample of QSOs (Almaini O., Lawrence A., Shanks T., Edge A., Boyle B.J., Georgantopoulos I., Gunn K.F., Stewart G.C., Griffiths R.E.), **315,** 325
Radio galaxies with a 'double-double' morphology – II. The evolution of double-double radio galaxies and implications for the alignment effect in FRII sources (Kaiser C.R., Schoenmakers A.P., Röttgering H.J.A.), **315,** 381
Disc galaxy evolution models in a hierarchical formation scenario: structure and dynamics (Firmani C., Avila-Reese V.), **315,** 457
On the small-scale clustering of the Lyα forest clouds (Ćirković M.M., Lanzetta K.M.), **315,** 473
The cosmological dependence of galactic specific angular momenta (Eke V., Efstathiou G., Wright L.), **315,** L18
Galactic bulges (Mollá M., Ferrini F., Gozzi G.), **316,** 345
Star formation properties of Universidad Complutense de Madrid survey galaxies (Gil de Paz A., Aragón-Salamanca A., Gallego J., Alonso-Herrero A., Zamorano J., Kauffmann G.), **316,** 357
The quasar fraction in low-frequency-selected complete samples and implications for unified schemes (Willott C.J., Rawlings S., Blundell K.M., Lacy M.), **316,** 449
The European Large Area *ISO* Survey – I. Goals, definition and observations (Oliver S. et al.), **316,** 749
The European Large Area *ISO* Survey – II. Mid-infrared extragalactic source counts (Serjeant S. et al.), **316,** 768
On breaking the age–metallicity degeneracy in early-type galaxies: outflows versus star formation efficiency (Ferreras I., Silk J.), **316,** 786
Hyperluminous infrared galaxies (Rowan-Robinson M.), **316,** 885
How galaxies disguise their ages (De Propris R.), **316,** L9
Circumnuclear regions in barred spiral galaxies – I. Near-infrared imaging (Pérez-Ramírez D., Knapen J.H., Peletier R.F., Laine S., Doyon R., Nadeau D.), **317,** 234
The evolution of 3CR radio galaxies from $z = 1$ (McLure R.J., Dunlop J.S.), **317,** 249
Gravitational lensing effects on high-redshift Type II supernova studies with the *Next Generation Space Telescope* (Marri S., Ferrara A., Pozzetti L.), **317,** 265
Imaging of the protoelliptical NGC 1700 and its globular cluster system (Brown R.J.N., Forbes D.A., Kissler-Patig M., Brodie J.P.), **317,** 406
An Hα survey of eight Abell clusters: the dependence of tidally induced star formation on cluster density (Moss C., Whittle M.), **317,** 667
The clustering of colour-selected galaxies (Brown M.J.I., Webster R.L., Boyle B.J.), **317,** 782
Non-parametric star formation histories for four dwarf spheroidal galaxies of the Local Group (Hernandez X., Gilmore G., Valls-Gabaud D.), **317,** 831
Lyα imaging of a very luminous $z = 2.3$ starburst galaxy with WFPC2 (Roche N., Lowenthal J., Woodgate B.), **317,** 937
Extremely red galaxies: age and dust degeneracy solved? (Pozzetti L., Mannucci F.), **317,** L17
Hubble Space Telescope imaging survey of sub-mJy star-forming galaxies – I. Morphologies at $z \sim 0.2$ (Serjeant S., Mobasher B., Gruppioni C., Oliver S.), **317,** L29
The density of extremely red objects around high-z radio-loud active galactic nuclei (Cimatti A., Villani D., Pozzetti L., di Serego Alighieri S.), **318,** 453

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Starburst galaxies and structure in the submillimetre background towards the *Hubble Deep Field* (Peacock J.A., Rowan-Robinson M., Blain A.W., Dunlop J.S., Efstathiou A., Hughes D.H., Jenness T., Ivison R.J., Lawrence A., Longair M.S., Mann R.G., Oliver S.J., Serjeant S.), **318,** 535
Hα photometry of Abell 2390 (Balogh M.L., Morris S.L.), **318,** 703
Non-gravitational heating in the hierarchical formation of X-ray clusters (Wu K.K.S., Fabian A.C., Nulsen P.E.J.), **318,** 889
Galaxy clustering in the Herschel Deep Field (McCracken H.J., Shanks T., Metcalfe N., Fong R., Campos A.), **318,** 913
Evolutionary models for radio sources from compact sources to classical doubles (Alexander P.), **319,** 8
Exploring the evolution of spiral galaxies (Bell E.F., Bower R.G.), **319,** 235
Morphological number counts and redshift distributions to $I = 25$ from the *Hubble Deep Fields*: constraints on cosmological models from early-type galaxies (Phillipps S., Driver S.P., Couch W.J., Fernandez-Soto A., Bristow P.D., Odewahn S.C., Windhorst R.A., Lanzetta K.), **319,** 807
Companions and interactions in the NGC 6946 system (Pisano D.J., Wilcots E.M.), **319,** 821
0422–476: a shell galaxy with azimuthally distributed shells (Wilkinson A., Prieur J.-L., Lemoine R., Carter D., Malin D., Sparks W.B.), **319,** 977
The European Large Area *ISO* Survey – III. 90-μm extragalactic source counts (Efstathiou A., Oliver S., Rowan-Robinson M., Surace C., Sumner T., Héraudeau P., Linden-Vørnle M.J.D., Rigopoulou D., Serjeant S., Mann R.G., Cesarsky C.J., Danese L., Franceschini A., Genzel R., Lawrence A., Lemke D., McMahon R.G., Miley G., Puget J.-L., Rocca-Volmerange B.), **319,** 1169

Formation
Constraining the star formation histories of spiral bulges (Proctor R.N., Sansom A.E., Reid I.N.), **311,** 37
The history of cosmic baryons: X-ray emission versus star formation rate (Menci N., Cavaliere A.), **311,** 50
Joint cosmological formation of QSOs and bulge-dominated galaxies (Monaco P., Salucci P., Danese L.), **311,** 279
Fuelling quasars with hot gas (Nulsen P.E.J., Fabian A.C.), **311,** 346
The origin and formation of cuspy density profiles through violent relaxation of stellar systems (Hozumi S., Burkert A., Fujiwara T.), **311,** 377
Universal profile of dark matter haloes and the spherical infall model (Łokas E.L.), **311,** 423
A unified model for the evolution of galaxies and quasars (Kauffmann G., Haehnelt M.), **311,** 576
Chaotic mixing in noisy Hamiltonian systems (Kandrup H.E., Pogorelov I.V., Sideris I.V.), **311,** 719
Testing linear-theory predictions of galaxy formation (Sugerman B., Summers F.J., Kamionkowski M.), **311,** 762
The nature of galaxy bias and clustering (Benson A.J., Cole S., Frenk C.S., Baugh C.M., Lacey C.G.), **311,** 793
Secular evolution of late-type disc galaxies: formation of bulges and the origin of bar dichotomy (Noguchi M.), **312,** 194
Galaxy formation and evolution – II. Energy balance, star formation and feedback (Buonomo F., Carraro G., Chiosi C., Lia C.), **312,** 371
Merging history trees for dark matter haloes: tests of the Merging Cell Model in a CDM cosmology (Lanzoni B., Mamon G.A., Guiderdoni B.), **312,** 781
Gamma-ray bursts and the history of star formation (Blain A.W., Natarajan P.), **312,** L35
The formation of the Hubble sequence of disc galaxies: the effects of early viscous evolution (Zhang B., Wyse R.F.G.), **313,** 310
Millimetre/submillimetre-wave emission-line searches for high-redshift galaxies (Blain A.W., Frayer D.T., Bock J.J., Scoville N.Z.), **313,** 559
Massive star formation in galaxies: radiative transfer models of the UV to millimetre emission of starburst galaxies (Efstathiou A., Rowan-Robinson M., Siebenmorgen R.), **313,** 734
The black hole mass–galaxy age relation (Merrifield M.R., Forbes D.A., Terlevich A.I.), **313,** L29
A parallel TreeSPH code for galaxy formation (Lia C., Carraro G.), **314,** 145
Adaptive optics near-infrared imaging of NGC 2992 – unveiling core structures related to radio figure-of-8 loops (Chapman S.C., Morris S.L., Alonso-Herrero A., Falcke H.), **314,** 263
Galaxy destruction and diffuse light in clusters (Calcáneo-Roldán C., Moore B., Bland-Hawthorn J., Malin D., Sadler E.M.), **314,** 324
The orbit and mass of the Sagittarius dwarf galaxy (Jiang I.-G., Binney J.), **314,** 468
Diffuse X-ray emission from late-type galaxy haloes (Benson A.J., Bower R.G., Frenk C.S., White S.D.M.), **314,** 557
Inhomogeneous reionization of the intergalactic medium regulated by radiative and stellar feedbacks (Ciardi B., Ferrara A., Governato F., Jenkins A.), **314,** 611
Self-similar shocked accretion of collisional gas with radiative cooling (Abadi M.G., Bower R.G., Navarro J.F.), **314,** 759
The stellar populations of early-type galaxies in the Fornax cluster (Kuntschner H.), **315,** 184
The diversity of SCUBA-selected galaxies (Ivison R.J., Smail I., Barger A.J., Kneib J.-P., Blain A.W., Owen F.N., Kerr T.H., Cowie L.L.), **315,** 209
Disc galaxy evolution models in a hierarchical formation scenario: structure and dynamics (Firmani C., Avila-Reese V.), **315,** 457
Radiation–hydrodynamical collapse of pre-galactic clouds in the ultraviolet background (Kitayama T., Tajiri Y., Umemura M., Susa H., Ikeuchi S.), **315,** L1
The cosmological dependence of galactic specific angular momenta (Eke V., Efstathiou G., Wright L.), **315,** L18
Evidence of self-interacting cold dark matter from galactic to galaxy cluster scales (Firmani C., D'Onghia E., Avila-Reese V., Chincarini G., Hernández X.), **315,** L29
The dependence of velocity and clustering statistics on galaxy properties (Benson A.J., Baugh C.M., Cole S., Frenk C.S., Lacey C.G.), **316,** 107
Parameter tests within cosmological simulations of galaxy formation (Kay S.T., Pearce F.R., Jenkins A., Frenk C.S., White S.D.M., Thomas P.A., Couchman H.M.P.), **316,** 374
Evaluating approximations for halo merging histories (Somerville R.S., Lemson G., Kolatt T.S., Dekel A.), **316,** 479
The European Large Area *ISO* Survey – II. Mid-infrared extragalactic source counts (Serjeant S. et al.), **316,** 768
On breaking the age–metallicity degeneracy in early-type galaxies: outflows versus star formation efficiency (Ferreras I., Silk J.), **316,** 786
Ultraviolet-background-induced bifurcation of galactic morphology (Susa H., Umemura M.), **316,** L17
Collapse of low-mass clouds in the presence of a UV radiation field (Susa H., Kitayama T.), **317,** 175
Gravitational wave signals from the collapse of the first stars (Schneider R., Ferrara A., Ciardi B., Ferrari V., Matarrese S.), **317,** 385
A model of supernova feedback in galaxy formation (Efstathiou G.), **317,** 697
Extremely red galaxies: age and dust degeneracy solved? (Pozzetti L., Mannucci F.), **317,** L17
Hubble Space Telescope imaging survey of sub-mJy star-forming galaxies – I. Morphologies at $z \sim 0.2$ (Serjeant S., Mobasher B., Gruppioni C., Oliver S.), **317,** L29
Higher order clustering in the Durham/UKST and Stromlo–APM Galaxy Redshift Surveys (Hoyle F., Szapudi I., Baugh C.M.), **317,** L51
The Tully–Fisher relation and its implications for the halo density profile and self-interacting dark matter (Mo H.J., Mao S.), **318,** 163
An analytic model for the epoch of halo creation (Percival W.J., Miller L., Peacock J.A.), **318,** 273
Voids in the Las Campanas Redshift Survey versus cold dark matter models (Müller V., Arbabi-Bidgoli S., Einasto J., Tucker D.), **318,** 280
The density of extremely red objects around high-z radio-loud active galactic nuclei (Cimatti A., Villani D., Pozzetti L., di Serego Alighieri S.), **318,** 453

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Non-gravitational heating in the hierarchical formation of X-ray clusters (Wu K.K.S., Fabian A.C., Nulsen P.E.J.), **318,** 889
The correlation between black hole mass and bulge velocity dispersion in hierarchical galaxy formation models (Haehnelt M.G., Kauffmann G.), **318,** L35
Resonant capture, counter-rotating discs, and polar rings (Tremaine S., Yu Q.), **319,** 1
Phase-space transport in cuspy triaxial potentials: can they be used to construct self-consistent equilibria? (Siopis C., Kandrup H.E.), **319,** 43
Hierarchical galaxy formation (Cole S., Lacey C.G., Baugh C.M., Frenk C.S.), **319,** 168
A search for the submillimetre counterparts to Lyman break galaxies (Chapman S.C., Scott D., Steidel C.C., Borys C., Halpern M., Morris S.L., Adelberger K.L., Dickinson M., Giavalisco M., Pettini M.), **319,** 318
Low-redshift quasar Lyα absorption-line systems associated with galaxies (Lin W.P., Börner G., Mo H.J.), **319,** 517
Smoothed Particle Hydrodynamics in cosmology: a comparative study of implementations (Thacker R.J., Tittley E.R., Pearce F.R., Couchman H.M.P., Thomas P.A.), **319,** 619
Intrinsic correlation of galaxy shapes: implications for weak lensing measurements (Heavens A., Refregier A., Heymans C.), **319,** 649
Companions and interactions in the NGC 6946 system (Pisano D.J., Wilcots E.M.), **319,** 821
The European Large Area *ISO* Survey – III. 90-μm extragalactic source counts (Efstathiou A., Oliver S., Rowan-Robinson M., Surace C., Sumner T., Héraudeau P., Linden-Vørnle M.J.D., Rigopoulou D., Serjeant S., Mann R.G., Cesarsky C.J., Danese L., Franceschini A., Genzel R., Lawrence A., Lemke D., McMahon R.G., Miley G., Puget J.-L., Rocca-Volmerange B.), **319,** 1169

Fundamental parameters

Three quasars from a survey of strong 25-μm emitters (Wolstencroft R.D., Parker Q.A., Lonsdale C.J., Scarrott S.M.), **311,** 541
H II galaxies as deep cosmological probes (Melnick J., Terlevich R., Terlevich E.), **311,** 629
Broad-band and Hα surface photometry of the central regions of nearby active galaxies – I. Observations (Sánchez-Portal M., Díaz Á.I., Terlevich R., Terlevich E., Álvarez Álvarez M., Aretxaga I.), **312,** 2
On the CCD calibration of Zwicky galaxy magnitudes and the properties of nearby field galaxies (Gaztañaga E., Dalton G.B.), **312,** 417
The star formation histories of low surface brightness galaxies (Bell E.F., Barnaby D., Bower R.G., de Jong R.S., Harper D.A., Jr, Hereld M., Loewenstein R.F., Rauscher B.J.), **312,** 470
Deconvolution of *ASCA* X-ray data – I. Spectral-imaging method (White D.A., Buote D.A.), **312,** 649
Deconvolution of *ASCA* X-ray data – II. Radial temperature and metallicity profiles for 106 galaxy clusters (White D.A.), **312,** 663
The fundamental plane of elliptical galaxies with modified Newtonian dynamics (Sanders R.H.), **313,** 767
Tracing the vertical composition of disc galaxies through colour gradients (de Grijs R., Peletier R.F.), **313,** 800
Wide-field CCD surface photometry of the giant elliptical galaxy NGC 4472 in the Virgo cluster (Kim E., Lee M.G., Geisler D.), **314,** 307
Spectroscopic constraints on the stellar population of elliptical galaxies in the Coma cluster (Mobasher B., James P.A.), **316,** 507
The evolution of 3CR radio galaxies from $z = 1$ (McLure R.J., Dunlop J.S.), **317,** 249
The stellar content of brightest cluster galaxies (James P.A., Mobasher B.), **317,** 259
Massive lossless data compression and multiple parameter estimation from galaxy spectra (Heavens A.F., Jimenez R., Lahav O.), **317,** 965
The 2dF QSO Redshift Survey – I. The optical luminosity function of quasi-stellar objects (Boyle B.J., Shanks T., Croom S.M., Smith R.J., Miller L., Loaring N., Heymans C.), **317,** 1014
Extremely red galaxies: age and dust degeneracy solved? (Pozzetti L., Mannucci F.), **317,** L17
Intrinsic correlation of galaxy shapes: implications for weak lensing measurements (Heavens A., Refregier A., Heymans C.), **319,** 649

General

X-ray evidence for multiphase hot gas with nearly solar Fe abundances in the brightest groups of galaxies (Buote D.A.), **311,** 176
The bimodal spiral galaxy surface brightness distribution (Bell E.F., de Blok W.J.G.), **311,** 668
Chemo-spectrophotometric evolution of spiral galaxies – II. Main properties of present-day disc galaxies (Boissier S., Prantzos N.), **312,** 398
The star formation histories of low surface brightness galaxies (Bell E.F., Barnaby D., Bower R.G., de Jong R.S., Harper D.A., Jr, Hereld M., Loewenstein R.F., Rauscher B.J.), **312,** 470
The stellar populations of spiral galaxies (Bell E.F., de Jong R.S.), **312,** 497
Chemo-spectrophotometric evolution of spiral galaxies – III. Abundance and colour gradients in discs (Prantzos N., Boissier S.), **313,** 338
The observed evolution of galaxy clustering versus epoch-dependent biasing models (Magliocchetti M., Bagla J.S., Maddox S.J., Lahav O.), **314,** 546
Metallicity in damped Lyman-α systems: evolution or bias? (Prantzos N., Boissier S.), **315,** 82
A *ROSAT* High Resolution Imager survey of bright nearby galaxies (Roberts T.P., Warwick R.S.), **315,** 98
Feature relevance in morphological galaxy classification (Bazell D.), **316,** 519
Analytical solutions for the Newtonian gravitational field induced by matter within axisymmetric boundaries (Conway J.T.), **316,** 540
The masses of black holes in the nuclei of spirals (Salucci P., Ratnam C., Monaco P., Danese L.), **317,** 488
Molecular gas in blue compact dwarf galaxies (Barone L.T., Heithausen A., Hüttemeister S., Fritz T., Klein U.), **317,** 649
Resonant capture, counter-rotating discs, and polar rings (Tremaine S., Yu Q.), **319,** 1
Multiwavelength study of the nuclei of a volume-limited sample of galaxies – I. X-ray observations (Lira P., Lawrence A., Johnson R.A.), **319,** 17
Exploring the evolution of spiral galaxies (Bell E.F., Bower R.G.), **319,** 235

Haloes

The extended rotation curve and the dark matter halo of M33 (Corbelli E., Salucci P.), **311,** 441
Time evolution of galactic warps in prolate haloes (Ideta M., Hozumi S., Tsuchiya T., Takizawa M.), **311,** 733
Merging history trees for dark matter haloes: tests of the Merging Cell Model in a CDM cosmology (Lanzoni B., Mamon G.A., Guiderdoni B.), **312,** 781
Disc galaxy evolution models in a hierarchical formation scenario: structure and dynamics (Firmani C., Avila-Reese V.), **315,** 457
On the small-scale clustering of the Lyα forest clouds (Ćirković M.M., Lanzetta K.M.), **315,** 473
Evidence of self-interacting cold dark matter from galactic to galaxy cluster scales (Firmani C., D'Onghia E., Avila-Reese V., Chincarini G., Hernández X.), **315,** L29
An analytic model for the epoch of halo creation (Percival W.J., Miller L., Peacock J.A.), **318,** 273
Triaxial haloes and particle dark matter detection (Evans N.W., Carollo C.M., de Zeeuw P.T.), **318,** 1131
Low-redshift quasar Lyα absorption-line systems associated with galaxies (Lin W.P., Börner G., Mo H.J.), **319,** 517

Individual: 0422–476

0422–476: a shell galaxy with azimuthally distributed shells (Wilkinson A., Prieur J.-L., Lemoine R., Carter D., Malin D., Sparks W.B.), **319,** 977

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Individual: 0755 + 379
The radio jets in B2 0755 + 379 (Bondi M., Parma P., de Ruiter H., Fanti R., Laing R.A., Fomalont E.B.), **314,** 11

Individual: 3C 66B
The infrared jet in 3C 66B (Tansley D., Birkinshaw M., Hardcastle M.J., Worrall D.M.), **317,** 623

Individual: 3C 265
Deep spectroscopy of distant 3CR radio galaxies: the data (Best P.N., Röttgering H.J.A., Longair M.S.), **311,** 1

Individual: 3C 321
Testing the photoionization models of powerful radio galaxies: mixed line-emitting media in 3C 321 (Robinson T.G., Tadhunter C.N., Axon D.J., Robinson A.), **317,** 922

Individual: 3C 324
Deep spectroscopy of distant 3CR radio galaxies: the data (Best P.N., Röttgering H.J.A., Longair M.S.), **311,** 1

Individual: 3C 353
Zw 1718.1–0108: a highly disturbed galaxy cluster at low Galactic latitude (Iwasawa K., Ettori S., Fabian A.C., Edge A.C., Ebeling H.), **313,** 515

Individual: 3C 382
Extended X-ray emission in the radio-loud galaxy 3C 382 (Prieto M.A.), **316,** 442

Individual: 3C 405
Molecular hydrogen emission in Cygnus A (Wilman R.J., Edge A.C., Johnstone R.M., Crawford C.S., Fabian A.C.), **318,** 1232

Individual: Andromeda
Large-scale magnetohydrodynamic density-wave structures in the Andromeda nebula (Lou Y.-Q., Fan Z.), **315,** 646

Individual: Antlia
The optical velocity of the Antlia dwarf galaxy (Tolstoy E., Irwin M.), **318,** 1241

Individual: B0218 + 357
NICMOS images of JVAS/CLASS gravitational lens systems (Jackson N., Xanthopoulos E., Browne I.W.A.), **311,** 389

Individual: B0712 + 472
NICMOS images of JVAS/CLASS gravitational lens systems (Jackson N., Xanthopoulos E., Browne I.W.A.), **311,** 389

Individual: B1030 + 074
NICMOS images of JVAS/CLASS gravitational lens systems (Jackson N., Xanthopoulos E., Browne I.W.A.), **311,** 389

Individual: B1600 + 434
NICMOS images of JVAS/CLASS gravitational lens systems (Jackson N., Xanthopoulos E., Browne I.W.A.), **311,** 389

Individual: B 1834 + 620
Radio galaxies with a 'double-double' morphology – III. The case of B 1834 + 620 (Schoenmakers A.P., de Bruyn A.G., Röttgering H.J.A., van der Laan H.), **315,** 395

Individual: B1933 + 503
VLA 8.4-GHz monitoring observations of the CLASS gravitational lens B1933 + 503 (Biggs A.D., Xanthopoulos E., Browne I.W.A., Koopmans L.V.E., Fassnacht C.D.), **318,** 73

Individual: Circinus
Constraints on the nuclear emission of the Circinus galaxy: optical and near-IR spectropolarimetry (Alexander D.M., Heisler C.A., Young S., Lumsden S.L., Hough J.H., Bailey J.A.), **313,** 815
A guide to TAURUS-2 Fabry–Perot data reduction (Gordon S., Koribalski B., Houghton S., Jones K.), **315,** 248
A near-infrared polarized bipolar cone in the Circinus galaxy (Ruiz M., Alexander D.M., Young S., Hough J., Lumsden S.L., Heisler C.A.), **316,** 49

Individual: CUDSS14A
High spatial resolution observations of CUDSS14A: a SCUBA-selected ultraluminous galaxy at high redshift (Gear W.K., Lilly S.J., Stevens J.A., Clements D.L., Webb T.M., Eales S.A., Dunne L.), **316,** L51

Individual: Cygnus A
Highly polarized structures in the near-nuclear regions of Cygnus A: intrinsic anisotropy within the cones? (Tadhunter C.N., Sparks W., Axon D.J., Bergeron L., Jackson N.J., Packham C., Hough J.H., Robinson A., Young S.), **313,** L52

Individual: ESO 138–G1
Compton-thick X-ray absorption in the Seyfert galaxies Tololo 0109–383 and ESO 138–G1 (Collinge M.J., Brandt W.N.), **317,** L35

Individual: GB 1428 + 4217
ROSAT PSPC detection of soft X-ray absorption in GB 1428 + 4217: the most distant matter yet probed with X-ray spectroscopy (Boller Th., Fabian A.C., Brandt W.N., Freyberg M.J.), **315,** L23

Individual: IRAS 00317–2142
X-ray observations of the 'composite' Seyfert/star-forming galaxy IRAS 00317–2142 (Georgantopoulos I.), **315,** 77

Individual: IRAS 19254–7245 (the Superantennae)
X-ray observations of the ultraluminous infrared galaxy IRAS 19254–7245 (the Superantennae) (Pappa A., Georgantopoulos I., Stewart G.C.), **314,** 589

Individual: KUG 1259 + 280
Active nucleus in a post-starburst galaxy: KUG 1259 + 280 (Dewangan G.C., Singh K.P., Mayya Y.D., Anupama G.C.), **318,** 309

Individual: Markarian 273
Resolved OH megamaser emission in the nuclear region of the ultraluminous infrared galaxy Markarian 273 (Yates J.A., Richards A.M.S., Wright M.M., Collett J.L., Gray M.D., Field D., Cohen R.J.), **317,** 28

Individual: Mrk 509
A generic scattering model for AGN (Young S.), **312,** 567

Individual: MCG–6-30-15
An extended multi-zone model for the MCG–6-30-15 warm absorber (Morales R., Fabian A.C., Reynolds C.S.), **315,** 149
The evidence against Comptonization as a mechanism to explain the Fe Kα line profile in MCG–6-30-15 (Ruszkowski M., Fabian A.C., Ross R.R., Iwasawa K.), **317,** L11
A cloud model of active galactic nuclei: the iron Kα line diagnostics (Karas V., Czerny B., Abrassart A., Abramowicz M.A.), **318,** 547
The X-ray variability of the Seyfert 1 galaxy MCG–6-30-15 from long *ASCA* and *RXTE* observations (Lee J.C., Fabian A.C., Reynolds C.S., Brandt W.N., Iwasawa K.), **318,** 857

Individual: M31
Detection of CO in the inner part of the bulge of M31 (Melchior A.-L., Viallefond F., Guélin M., Neininger N.), **312,** L29
The mass of the Andromeda galaxy (Evans N.W., Wilkinson M.I.), **316,** 929

Individual: M33
The extended rotation curve and the dark matter halo of M33 (Corbelli E., Salucci P.), **311,** 441

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Periodic microvariation of B416, a new luminous blue variable in M33 (Shemmer O., Leibowitz E.M., Szkody P.), **311,** 698
Period–luminosity relations for red supergiant variables – I. The calibration (Pierce M.J., Jurcevic J.S., Crabtree D.), **313,** 271

Individual: M51
N-body model for M51 – I. Multiple encounter versus single passage? (Salo H., Laurikainen E.), **319,** 377
N-body model for M51 – II. Inner structure (Salo H., Laurikainen E.), **319,** 393

Individual: M82
Starburst-driven galactic winds – I. Energetics and intrinsic X-ray emission (Strickland D.K., Stevens I.R.), **314,** 511
Modelling the bar in the centre of the starburst galaxy M82 (Wills K.A., Das M., Pedlar A., Muxlow T.W.B., Robinson T.G.), **316,** 33

Individual: M94
Using slitless spectroscopy to study the kinematics of the planetary nebula population in M94 (Douglas N.G., Gerssen J., Kuijken K., Merrifield M.R.), **316,** 795

Individual: M101
Period–luminosity relations for red supergiant variables – II. The distance to M101 (Jurcevic J.S., Pierce M.J., Jacoby G.H.), **313,** 868

Individual: NGC 55
Spectroscopy of globular cluster candidates in the Sculptor group galaxies NGC 253 and 55 (Beasley M.A., Sharples R.M.), **311,** 673

Individual: NGC 253
Spectroscopy of globular cluster candidates in the Sculptor group galaxies NGC 253 and 55 (Beasley M.A., Sharples R.M.), **311,** 673
A multiwavelength view at the heart of the superwind in NGC 253 (Forbes D.A., Polehampton E., Stevens I.R., Brodie J.P., Ward M.J.), **312,** 689

Individual: NGC 1275
Chandra imaging of the complex X-ray core of the Perseus cluster (Fabian A.C., Sanders J.S., Ettori S., Taylor G.B., Allen S.W., Crawford C.S., Iwasawa K., Johnstone R.M., Ogle P.M.), **318,** L65

Individual: NGC 1700
Imaging of the protoelliptical NGC 1700 and its globular cluster system (Brown R.J.N., Forbes D.A., Kissler-Patig M., Brodie J.P.), **317,** 406

Individual: NGC 1808
A guide to TAURUS-2 Fabry–Perot data reduction (Gordon S., Koribalski B., Houghton S., Jones K.), **315,** 248

Individual: NGC 2442
A guide to TAURUS-2 Fabry–Perot data reduction (Gordon S., Koribalski B., Houghton S., Jones K.), **315,** 248

Individual: NGC 2841
Diffuse X-ray emission from late-type galaxy haloes (Benson A.J., Bower R.G., Frenk C.S., White S.D.M.), **314,** 557

Individual: NGC 2985
Disc heating in NGC 2985 (Gerssen J., Kuijken K., Merrifield M.R.), **317,** 545

Individual: NGC 2992
Adaptive optics near-infrared imaging of NGC 2992 – unveiling core structures related to radio figure-of-8 loops (Chapman S.C., Morris S.L., Alonso-Herrero A., Falcke H.), **314,** 263

Individual: NGC 3079
Submillimetre imaging of NGC 3079 (Stevens J.A., Gear W.K.), **312,** L5

Individual: NGC 3094
The 3.4-μm absorption feature towards three obscured active galactic nuclei (Imanishi M.), **319,** 331

Individual: NGC 3227
Near-infrared adaptive optics imaging of nuclear spiral structure in the Seyfert galaxy NGC 3227 (Chapman S.C., Morris S.L., Walker G.A.H.), **319,** 666

Individual: NGC 3597
Imaging of the merging galaxy NGC 3597 and its population of protoglobular clusters (Forbes D.A., Hau G.K.T.), **312,** 703

Individual: NGC 3783
H I and radio continuum study of the isolated SBa Seyfert galaxy NGC 3783 (Blank D.L., Cram L.E.), **312,** 247

Individual: NGC 4051
Simultaneous EUV and X-ray variability of NGC 4051 (Uttley P., M^{c}Hardy I.M., Papadakis I.E., Cagnoni I., Fruscione A.), **312,** 880

Individual: NGC 4258
Chemical abundances and ionizing clusters of H II regions in the LINER galaxy NGC 4258 (Díaz A.I., Castellanos M., Terlevich E., García-Vargas M.L.), **318,** 462

Individual: NGC 4374
SCUBA observations of the elliptical galaxy NGC 4374 (Leeuw L.L., Sansom A.E., Robson E.I.), **311,** 683

Individual: NGC 4395
X-ray absorption and rapid variability of the dwarf Seyfert nucleus of NGC 4395 (Iwasawa K., Fabian A.C., Almaini O., Lira P., Lawrence A., Hayashida K., Inoue H.), **318,** 879

Individual: NGC 4472
Wide-field CCD surface photometry of the giant elliptical galaxy NGC 4472 in the Virgo cluster (Kim E., Lee M.G., Geisler D.), **314,** 307
Ages and metallicities of globular clusters in NGC 4472 (Beasley M.A., Sharples R.M., Bridges T.J., Hanes D.A., Zepf S.E., Ashman K.M., Geisler D.), **318,** 1249

Individual: NGC 4485
Ram-pressure stripping of the interstellar medium in NGC 4485 (Clemens M.S., Alexander P., Green D.A.), **312,** 236

Individual: NGC 4490
Ram-pressure stripping of the interstellar medium in NGC 4485 (Clemens M.S., Alexander P., Green D.A.), **312,** 236

Individual: NGC 4594
Diffuse X-ray emission from late-type galaxy haloes (Benson A.J., Bower R.G., Frenk C.S., White S.D.M.), **314,** 557

Individual: NGC 4736
Using slitless spectroscopy to study the kinematics of the planetary nebula population in M94 (Douglas N.G., Gerssen J., Kuijken K., Merrifield M.R.), **316,** 795

Individual: NGC 5194
Young massive star clusters in M51 (Larsen S.S.), **319,** 893

Individual: NGC 5506
The 3.4-μm absorption feature towards the nucleus of NGC 5506 (Imanishi M.), **313,** 165
RXTE observations of the Seyfert galaxy NGC 5506: evidence for reflection from disc and torus (Lamer G., Uttley P., M^{c}Hardy I.M.), **319,** 949

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Individual: NGC 5529
Diffuse X-ray emission from late-type galaxy haloes (Benson A.J., Bower R.G., Frenk C.S., White S.D.M.), **314,** 557

Individual: NGC 6090
Fabry–Perot imaging of NGC 6090 in H_2 emission (Sugai H., Davies R.I., Ishii M., Ward M.J.), **317,** 447

Individual: NGC 6240
RXTE observation of NGC 6240: a search for the obscured active nucleus (Ikebe Y., Leighly K., Tanaka Y., Nakagawa T., Terashima Y., Komossa S.), **316,** 433

Individual: NGC 6251
A spectroscopic study of NGC 6251 and its companion galaxies (Werner P.N., Worrall D.M., Birkinshaw M.), **317,** 105

Individual: NGC 6946
Magnetic and optical spiral arms in the galaxy NGC 6946 (Frick P., Beck R., Shukurov A., Sokoloff D., Ehle M., Kamphuis J.), **318,** 925
Companions and interactions in the NGC 6946 system (Pisano D.J., Wilcots E.M.), **319,** 821

Individual: NGC 7172
The 3.4-μm absorption feature towards three obscured active galactic nuclei (Imanishi M.), **319,** 331

Individual: NGC 7479
The 3.4-μm absorption feature towards three obscured active galactic nuclei (Imanishi M.), **319,** 331

Individual: RX J1301.9 + 2746
Active nucleus in a post-starburst galaxy: KUG 1259 + 280 (Dewangan G.C., Singh K.P., Mayya Y.D., Anupama G.C.), **318,** 309

Individual: RXJ 2153.3–1514
An ultrasoft X-ray source (RX 215319–1514) and discovery of a narrow-line Seyfert 1 galaxy (Singh K.P., Jones L.R.), **312,** 380

Individual: Sgr dwarf
The orbit and mass of the Sagittarius dwarf galaxy (Jiang I.-G., Binney J.), **314,** 468

Individual: Tololo 0109–383
Compton-thick X-ray absorption in the Seyfert galaxies Tololo 0109–383 and ESO 138–G1 (Collinge M.J., Brandt W.N.), **317,** L35

Interactions
Hubble Space Telescope imaging of the CFRS and LDSS redshift surveys – IV. Influence of mergers in the evolution of faint field galaxies from $z \sim 1$ (Le Fèvre O., Abraham R., Lilly S.J., Ellis R.S., Brinchmann J., Schade D., Tresse L., Colless M., Crampton D., Glazebrook K., Hammer F., Broadhurst T.), **311,** 565
Far-infrared-loud quasars – I. Disturbed and quiescent quasars in the PG survey (Clements D.L.), **311,** 833
Multiwavelength observations of an evolved galaxy group: an end-point of galaxy merging? (Jones L.R., Ponman T.J., Forbes D.A.), **312,** 139
Ram-pressure stripping of the interstellar medium in NGC 4485 (Clemens M.S., Alexander P., Green D.A.), **312,** 236
Imaging of the merging galaxy NGC 3597 and its population of protoglobular clusters (Forbes D.A., Hau G.K.T.), **312,** 703
Modelling star formation and feedback in simulations of interacting galaxies (Springel V.), **312,** 859
Galaxy destruction and diffuse light in clusters (Calcáneo-Roldán C., Moore B., Bland-Hawthorn J., Malin D., Sadler E.M.), **314,** 324
The line-of-sight velocity distributions of simulated merger remnants (Bendo G.J., Barnes J.E.), **316,** 315
Optical/ultraviolet morphology and alignment of low-redshift radio galaxies (Roche N., Eales S.A.), **317,** 120
Fabry–Perot imaging of NGC 6090 in H_2 emission (Sugai H., Davies R.I., Ishii M., Ward M.J.), **317,** 447
An Hα survey of eight Abell clusters: the dependence of tidally induced star formation on cluster density (Moss C., Whittle M.), **317,** 667
Cold gas and star formation in a merging galaxy sequence (Georgakakis A., Forbes D.A., Norris R.P.), **318,** 124
Are 'Bondi–Hoyle wakes' detectable in clusters of galaxies? (Sakelliou I.), **318,** 1164
N-body model for M51 – I. Multiple encounter versus single passage? (Salo H., Laurikainen E.), **319,** 377
N-body model for M51 – II. Inner structure (Salo H., Laurikainen E.), **319,** 393
Companions and interactions in the NGC 6946 system (Pisano D.J., Wilcots E.M.), **319,** 821
Young massive star clusters in M51 (Larsen S.S.), **319,** 893
0422–476: a shell galaxy with azimuthally distributed shells (Wilkinson A., Prieur J.-L., Lemoine R., Carter D., Malin D., Sparks W.B.), **319,** 977

Intergalactic medium
The history of cosmic baryons: X-ray emission versus star formation rate (Menci N., Cavaliere A.), **311,** 50
X-ray evidence for multiphase hot gas with nearly solar Fe abundances in the brightest groups of galaxies (Buote D.A.), **311,** 176
Low-radiative-efficiency accretion in the nuclei of elliptical galaxies (Di Matteo T., Quataert E., Allen S.W., Narayan R., Fabian A.C.), **311,** 507
Large-scale structure in the Lyman-α forest – II. Analysis of a group of 10 QSOs (Liske J., Webb J.K., Williger G.M., Fernández-Soto A., Carswell R.F.), **311,** 657
Constraints on the asymptotic baryon fractions of galaxy clusters at large radii (Wu X.-P., Xue Y.-J.), **311,** 825
Deconvolution of *ASCA* X-ray data – I. Spectral-imaging method (White D.A., Buote D.A.), **312,** 649
Deconvolution of *ASCA* X-ray data – II. Radial temperature and metallicity profiles for 106 galaxy clusters (White D.A.), **312,** 663
The amplitude of mass density fluctuations at $z \approx 3.25$ from the Lyα forest of Q1422 + 231 (Nusser A., Haehnelt M.), **313,** 364
The Lyman α forest in a truncated hierarchical structure formation (Nusser A., Lahav O.), **313,** L39
Spectral analysis of the Lyα forest using wavelets (Meiksin A.), **314,** 566
Inhomogeneous reionization of the intergalactic medium regulated by radiative and stellar feedbacks (Ciardi B., Ferrara A., Governato F., Jenkins A.), **314,** 611
The properties of cooling flows in X-ray luminous clusters of galaxies (Allen S.W.), **315,** 269
The intragroup medium in loose groups of galaxies (Helsdon S.F., Ponman T.J.), **315,** 356
Radio galaxies with a 'double-double' morphology – II. The evolution of double-double radio galaxies and implications for the alignment effect in FRII sources (Kaiser C.R., Schoenmakers A.P., Röttgering H.J.A.), **315,** 381
On the small-scale clustering of the Lyα forest clouds (Ćirković M.M., Lanzetta K.M.), **315,** 473
Broadening of QSO Lyα forest absorbers (Theuns T., Schaye J., Haehnelt M.G.), **315,** 600
The entropy and energy of intergalactic gas in galaxy clusters (Lloyd-Davies E.J., Ponman T.J., Cannon D.B.), **315,** 689
Zero-metallicity stellar sources and the reionization epoch (Cojazzi P., Bressan A., Lucchin F., Pantano O., Chavez M.), **315,** L51
A multiphase model for the intracluster medium (Nagai D., Sulkanen M.E., Evrard A.E.), **316,** 120
Gravitational wave signals from the collapse of the first stars (Schneider R., Ferrara A., Ciardi B., Ferrari V., Matarrese S.), **317,** 385
Analytic solutions for coupled linear perturbations (Nusser A.), **317,** 902
A wavelet analysis of the spectra of quasi-stellar objects (Theuns T., Zaroubi S.), **317,** 989

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On the supernova heating of the intergalactic medium (Kravtsov A.V., Yepes G.), **318,** 227
Properties of the double β model for intracluster gas (Xue Y.-J., Wu X.-P.), **318,** 715
X-ray colour maps of the cores of galaxy clusters (Sanders J.S., Fabian A.C., Allen S.W.), **318,** 733
The thermal history of the intergalactic medium (Schaye J., Theuns T., Rauch M., Efstathiou G., Sargent W.L.W.), **318,** 817
Are 'Bondi–Hoyle wakes' detectable in clusters of galaxies? (Sakelliou I.), **318,** 1164
Mixing metals in the early Universe (Ferrara A., Pettini M., Shchekinov Y.), **319,** 539
Self-similar collapse of collisional gas in an expanding universe (Chuzhoy L., Nusser A.), **319,** 797
Are X-ray properties of loose groups different from those of compact groups? (Helsdon S.F., Ponman T.J.), **319,** 933

ISM
Deep spectroscopy of distant 3CR radio galaxies: the data (Best P.N., Röttgering H.J.A., Longair M.S.), **311,** 1
Ionization, shocks and evolution of the emission-line gas of distant 3CR radio galaxies (Best P.N., Röttgering H.J.A., Longair M.S.), **311,** 23
H II galaxies as deep cosmological probes (Melnick J., Terlevich R., Terlevich E.), **311,** 629
Secular evolution of late-type disc galaxies: formation of bulges and the origin of bar dichotomy (Noguchi M.), **312,** 194
Ram-pressure stripping of the interstellar medium in NGC 4485 (Clemens M.S., Alexander P., Green D.A.), **312,** 236
Dust and gas in luminous infrared galaxies – results from SCUBA observations (Lisenfeld U., Isaak K.G., Hills R.), **312,** 433
Submillimetre imaging of NGC 3079 (Stevens J.A., Gear W.K.), **312,** L5
Gravitational instability in a system of particles with mass spectrum (Volkov E., Ortega V.G.), **313,** 112
Kinematics of elliptical galaxies with a diffuse dust component (Baes M., Dejonghe H.), **313,** 153
The 3.4-μm absorption feature towards the nucleus of NGC 5506 (Imanishi M.), **313,** 165
The SCUBA Local Universe Galaxy Survey – I. First measurements of the submillimetre luminosity and dust mass functions (Dunne L., Eales S., Edmunds M., Ivison R., Alexander P., Clements D.L.), **315,** 115
Disc–halo interaction – I. Three-dimensional evolution of the Galactic disc (de Avillez M.A.), **315,** 479
Gas properties of H II and starburst galaxies: relation with the stellar population (Raimann D., Storchi-Bergmann T., Bica E., Melnick J., Schmitt H.), **316,** 559
Resolved OH megamaser emission in the nuclear region of the ultraluminous infrared galaxy Markarian 273 (Yates J.A., Richards A.M.S., Wright M.M., Collett J.L., Gray M.D., Field D., Cohen R.J.), **317,** 28
Molecular gas in blue compact dwarf galaxies (Barone L.T., Heithausen A., Hüttemeister S., Fritz T., Klein U.), **317,** 649
A model of supernova feedback in galaxy formation (Efstathiou G.), **317,** 697
Kinematics of elliptical galaxies with a diffuse dust component – II. Dust effects on kinematic modelling (Baes M., Dejonghe H., De Rijcke S.), **318,** 798
Magnetic and optical spiral arms in the galaxy NGC 6946 (Frick P., Beck R., Shukurov A., Sokoloff D., Ehle M., Kamphuis J.), **318,** 925
Constraining the radio–submillimetre redshift indicator using data from the SCUBA Local Universe Galaxy Survey (Dunne L., Clements D.L., Eales S.A.), **319,** 813

Irregular
H II galaxies as deep cosmological probes (Melnick J., Terlevich R., Terlevich E.), **311,** 629
Lopsidedness in dwarf irregular galaxies (Heller A.B., Brosch N., Almoznino E., van Zee L., Salzer J.J.), **316,** 569

Jets
Collimation of extragalactic radio jets in compact steep-spectrum and larger sources (Jeyakumar S., Saikia D.J.), **311,** 397
The origin of wide-angle tailed radio galaxies (Sakelliou I., Merrifield M.R.), **311,** 649
An asymmetric relativistic model for classical double radio sources (Arshakian T.G., Longair M.S.), **311,** 846
On possible 'cosmic ray cocoons' of relativistic jets (Ostrowski M.), **312,** 579
On the magnetohydrodynamic decollimation in compact objects (Beskin V.S., Okamoto I.), **313,** 445
The radio jets in B2 0755 + 379 (Bondi M., Parma P., de Ruiter H., Fanti R., Laing R.A., Fomalont E.B.), **314,** 11
On the viewing angle dependence of blazar variability (Eldar A., Levinson A.), **314,** 641
Rapid optical variability in radio-quiet QSOs (Gopal-Krishna, Gupta A.C., Sagar R., Wiita P.J., Chaubey U.S., Stalin C.S.), **314,** 815
The large-scale distribution of warm ionized gas around nearby radio galaxies with jet–cloud interactions (Tadhunter C.N., Villar-Martin M., Morganti R., Bland-Hawthorn J., Axon D.), **314,** 849
The structure of black hole magnetospheres – I. Schwarzschild black holes (Ghosh P.), **315,** 89
VLBI and VLA observations of intraday polarization variability in 0917 + 624 and 0954 + 658 (Gabuzda D.C., Kochenov P.Yu., Kollgaard R.I., Cawthorne T.V.), **315,** 229
Radio galaxies with a 'double-double' morphology – I. Analysis of the radio properties and evidence for interrupted activity in active galactic nuclei (Schoenmakers A.P., de Bruyn A.G., Röttgering H.J.A., van der Laan H., Kaiser C.R.), **315,** 371
Radio galaxies with a 'double-double' morphology – II. The evolution of double-double radio galaxies and implications for the alignment effect in FRII sources (Kaiser C.R., Schoenmakers A.P., Röttgering H.J.A.), **315,** 381
Radio galaxies with a 'double-double' morphology – III. The case of B 1834 + 620 (Schoenmakers A.P., de Bruyn A.G., Röttgering H.J.A., van der Laan H.), **315,** 395
On the local magnetorotational instability of astrophysical jets (Hanasz M., Sol H., Sauty C.), **316,** 494
The infrared jet in 3C 66B (Tansley D., Birkinshaw M., Hardcastle M.J., Worrall D.M.), **317,** 623
A disc-wind model with correct crossing of all magnetohydrodynamic critical surfaces (Vlahakis N., Tsinganos K., Sauty C., Trussoni E.), **318,** 417
Spectral energy distributions of FR I nuclei and the FR I/BL Lac unifying model (Capetti A., Trussoni E., Celotti A., Feretti L., Chiaberge M.), **318,** 493
Relativistic anisotropic pair plasmas (Asseo E., Riazuelo A.), **318,** 983
Evolutionary models for radio sources from compact sources to classical doubles (Alexander P.), **319,** 8
Spectropolarimetry of broad Hα lines in radio galaxies: constraints on the geometry of the broad-line and scattering regions (Corbett E.A., Robinson A., Axon D.J., Young S.), **319,** 685
Possible evidence for the disc origin for the powering of jets in Sgr A* and nearby elliptical galaxies (Yuan F.), **319,** 1178

Kinematics and dynamics
Approximate third integrals for axisymmetric potentials using local Stäckel fits (De Bruyne V., Leeuwin F., Dejonghe H.), **311,** 297
The origin and formation of cuspy density profiles through violent relaxation of stellar systems (Hozumi S., Burkert A., Fujiwara T.), **311,** 377
The extended rotation curve and the dark matter halo of M33 (Corbelli E., Salucci P.), **311,** 441
The origin of wide-angle tailed radio galaxies (Sakelliou I., Merrifield M.R.), **311,** 649
Chaotic mixing in noisy Hamiltonian systems (Kandrup H.E., Pogorelov I.V., Sideris I.V.), **311,** 719
Time evolution of galactic warps in prolate haloes (Ideta M., Hozumi S., Tsuchiya T., Takizawa M.), **311,** 733

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Secular evolution of late-type disc galaxies: formation of bulges and the origin of bar dichotomy (Noguchi M.), **312,** 194
Kinematics of elliptical galaxies with a diffuse dust component (Baes M., Dejonghe H.), **313,** 153
Cluster versus POTENT density and velocity fields: cluster biasing and Ω (Branchini E., Zehavi I., Plionis M., Dekel A.), **313,** 491
Orbits supporting bars within bars (Maciejewski W., Sparke L.S.), **313,** 745
The fundamental plane of elliptical galaxies with modified Newtonian dynamics (Sanders R.H.), **313,** 767
Optimal softening for force calculations in collisionless *N*-body simulations (Athanassoula E., Fady E., Lambert J.C., Bosma A.), **314,** 475
X-ray wakes in Abell 160 (Drake N., Merrifield M.R., Sakelliou I., Pinkney J.C.), **314,** 768
The stellar populations of early-type galaxies in the Fornax cluster (Kuntschner H.), **315,** 184
A guide to TAURUS-2 Fabry–Perot data reduction (Gordon S., Koribalski B., Houghton S., Jones K.), **315,** 248
Disc galaxy evolution models in a hierarchical formation scenario: structure and dynamics (Firmani C., Avila-Reese V.), **315,** 457
Disc–halo interaction – I. Three-dimensional evolution of the Galactic disc (de Avillez M.A.), **315,** 479
Modelling the bar in the centre of the starburst galaxy M82 (Wills K.A., Das M., Pedlar A., Muxlow T.W.B., Robinson T.G.), **316,** 33
The line-of-sight velocity distributions of simulated merger remnants (Bendo G.J., Barnes J.E.), **316,** 315
Deprojection of light distributions of nearby systems: perspective effect and non-uniqueness (Zhao H.), **316,** 418
Using slitless spectroscopy to study the kinematics of the planetary nebula population in M94 (Douglas N.G., Gerssen J., Kuijken K., Merrifield M.R.), **316,** 795
The mass of the Andromeda galaxy (Evans N.W., Wilkinson M.I.), **316,** 929
Central cusp caused by a supermassive black hole in axisymmetric models of elliptical galaxies (Leeuwin F., Athanassoula E.), **317,** 79
Disc heating in NGC 2985 (Gerssen J., Kuijken K., Merrifield M.R.), **317,** 545
Stellar indices and kinematics in Seyfert 1 nuclei (Jiménez-Benito L., Díaz A.I., Terlevich R., Terlevich E.), **317,** 907
From kinematics to dynamics in thin galactic discs (Mathieu A., Merrifield M.R.), **318,** 40
Probing a regular orbit with spectral dynamics (Copin Y., Zhao H.S., de Zeeuw P.T.), **318,** 781
Kinematics of elliptical galaxies with a diffuse dust component – II. Dust effects on kinematic modelling (Baes M., Dejonghe H., De Rijcke S.), **318,** 798
Magnetic and optical spiral arms in the galaxy NGC 6946 (Frick P., Beck R., Shukurov A., Sokoloff D., Ehle M., Kamphuis J.), **318,** 925
Triaxial haloes and particle dark matter detection (Evans N.W., Carollo C.M., de Zeeuw P.T.), **318,** 1131
Are 'Bondi–Hoyle wakes' detectable in clusters of galaxies? (Sakelliou I.), **318,** 1164
The optical velocity of the Antlia dwarf galaxy (Tolstoy E., Irwin M.), **318,** 1241
Resonant capture, counter-rotating discs, and polar rings (Tremaine S., Yu Q.), **319,** 1
Phase-space transport in cuspy triaxial potentials: can they be used to construct self-consistent equilibria? (Siopis C., Kandrup H.E.), **319,** 43
N-body model for M51 – I. Multiple encounter versus single passage? (Salo H., Laurikainen E.), **319,** 377
N-body model for M51 – II. Inner structure (Salo H., Laurikainen E.), **319,** 393
Gravitational lensing by elliptical galaxies (Mortlock D.J., Webster R.L.), **319,** 860

Local Group
Galaxy and cluster biasing from Local Group dynamics (Plionis M., Basilakos S., Rowan-Robinson M., Maddox S.J., Oliver S.J., Keeble O., Saunders W.), **313,** 8
The mass of the Andromeda galaxy (Evans N.W., Wilkinson M.I.), **316,** 929
Non-parametric star formation histories for four dwarf spheroidal galaxies of the Local Group (Hernandez X., Gilmore G., Valls-Gabaud D.), **317,** 831
The optical velocity of the Antlia dwarf galaxy (Tolstoy E., Irwin M.), **318,** 1241
Mapping the substructure in the Galactic halo with the next generation of astrometric satellites (Helmi A., de Zeeuw P.T.), **319,** 657

Luminosity function, mass function
An improved method of constructing binned luminosity functions (Page M.J., Carrera F.J.), **311,** 433
An ultraviolet-selected galaxy redshift survey – II. The physical nature of star formation in an enlarged sample (Sullivan M., Treyer M.A., Ellis R.S., Bridges T.J., Milliard B., Donas J.), **312,** 442
The *K*-band luminosity function of nearby field galaxies (Loveday J.), **312,** 557
Distribution of caustic-crossing intervals for Galactic binary-lens microlensing events (Han C., Park S.-H., Lee Y.-S.), **314,** 59
The SCUBA Local Universe Galaxy Survey – I. First measurements of the submillimetre luminosity and dust mass functions (Dunne L., Eales S., Edmunds M., Ivison R., Alexander P., Clements D.L.), **315,** 115
The cluster environments of the $z \sim 1$ 3CR radio galaxies (Best P.N.), **317,** 720
The space density of low-redshift active galactic nuclei (Londish D., Boyle B.J., Schade D.J.), **318,** 411
On the redshift cut-off for flat-spectrum radio sources (Jarvis M.J., Rawlings S.), **319,** 121
A fluctuation analysis for optical cluster galaxies – I. Theory (Windridge D., Phillipps S.), **319,** 591

Magellanic Clouds
OGLE observations of four X-ray binary pulsars in the Small Magellanic Cloud (Coe M.J., Orosz J.A.), **311,** 169
Final stages of *N*-body star cluster encounters (de Oliveira M.R., Bica E., Dottori H.), **311,** 589
Catalogue of candidate emission-line objects in the Small Magellanic Cloud (Murphy M.T., Bessell M.S.), **311,** 741
Period–luminosity relations for red supergiant variables – I. The calibration (Pierce M.J., Jurcevic J.S., Crabtree D.), **313,** 271
The star formation histories of two northern LMC fields (Dolphin A.E.), **313,** 281
Cool dust and gas in the Small Magellanic Cloud (Stanimirovic S., Staveley-Smith L., van der Hulst J.M., Bontekoe Tj.R., Kester D.J.M., Jones P.A.), **315,** 791

Magnetic fields
Magnetic flux expulsion in powerful superbubble explosions and the α–Ω dynamo (Rafikov R.R., Kulsrud R.M.), **314,** 839
Magnetic and optical spiral arms in the galaxy NGC 6946 (Frick P., Beck R., Shukurov A., Sokoloff D., Ehle M., Kamphuis J.), **318,** 925

Nuclei
V, *R*, *I* and Hα photometry of circumnuclear star-forming regions in four galaxies with different levels of nuclear activity (Díaz A.I., Álvarez Álvarez M., Terlevich E., Terlevich R., Sánchez Portal M., Aretxaga I.), **311,** 120
Iron Kα line profiles driven by non-axisymmetric illumination (Yu Q., Lu Y.), **311,** 161
Collimation of extragalactic radio jets in compact steep-spectrum and larger sources (Jeyakumar S., Saikia D.J.), **311,** 397
Erratum: Mass function of dormant black holes and the evolution of active galactic nuclei (Salucci P., Szuszkiewicz E., Monaco P., Danese L.), **311,** 448
Hard X-ray emission from elliptical galaxies (Allen S.W., Di Matteo T., Fabian A.C.), **311,** 493
Low-radiative-efficiency accretion in the nuclei of elliptical galaxies (Di Matteo T., Quataert E., Allen S.W., Narayan R., Fabian A.C.), **311,** 507

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A unified model for the evolution of galaxies and quasars (Kauffmann G., Haehnelt M.), **311,** 576
An ultrasoft X-ray source (RX 215319–1514) and discovery of a narrow-line Seyfert 1 galaxy (Singh K.P., Jones L.R.), **312,** 380
A multiwavelength view at the heart of the superwind in NGC 253 (Forbes D.A., Polehampton E., Stevens I.R., Brodie J.P., Ward M.J.), **312,** 689
The 3.4-μm absorption feature towards the nucleus of NGC 5506 (Imanishi M.), **313,** 165
Orbits supporting bars within bars (Maciejewski W., Sparke L.S.), **313,** 745
Constraints on the nuclear emission of the Circinus galaxy: optical and near-IR spectropolarimetry (Alexander D.M., Heisler C.A., Young S., Lumsden S.L., Hough J.H., Bailey J.A.), **313,** 815
The black hole mass–galaxy age relation (Merrifield M.R., Forbes D.A., Terlevich A.I.), **313,** L29
Radio, optical and X-ray nuclei in nearby 3CRR radio galaxies (Hardcastle M.J., Worrall D.M.), **314,** 359
The structure of black hole magnetospheres – I. Schwarzschild black holes (Ghosh P.), **315,** 89
X-ray variability in a deep, flux-limited sample of QSOs (Almaini O., Lawrence A., Shanks T., Edge A., Boyle B.J., Georgantopoulos I., Gunn K.F., Stewart G.C., Griffiths R.E.), **315,** 325
A near-infrared polarized bipolar cone in the Circinus galaxy (Ruiz M., Alexander D.M., Young S., Hough J., Lumsden S.L., Heisler C.A.), **316,** 49
Magnetic confinement, magnetohydrodynamic waves and smooth line profiles in active galactic nuclei (Bottorff M.C., Ferland G.J.), **316,** 103
RXTE observation of NGC 6240: a search for the obscured active nucleus (Ikebe Y., Leighly K., Tanaka Y., Nakagawa T., Terashima Y., Komossa S.), **316,** 433
The quasar fraction in low-frequency-selected complete samples and implications for unified schemes (Willott C.J., Rawlings S., Blundell K.M., Lacy M.), **316,** 449
Gas properties of H II and starburst galaxies: relation with the stellar population (Raimann D., Storchi-Bergmann T., Bica E., Melnick J., Schmitt H.), **316,** 559
Continuum-driven shocks in active galactic nuclei (Williams R.J.R.), **316,** 803
Cosmic ray generation by quasar remnants: constraints and implications (Boldt E., Loewenstein M.), **316,** L29
Resolved OH megamaser emission in the nuclear region of the ultraluminous infrared galaxy Markarian 273 (Yates J.A., Richards A.M.S., Wright M.M., Collett J.L., Gray M.D., Field D., Cohen R.J.), **317,** 28
Central cusp caused by a supermassive black hole in axisymmetric models of elliptical galaxies (Leeuwin F., Athanassoula E.), **317,** 79
Fabry–Perot imaging of NGC 6090 in H_2 emission (Sugai H., Davies R.I., Ishii M., Ward M.J.), **317,** 447
Relativistic beaming effects in the spectra of cores and hotspots in radio galaxies and quasars (Ishwara-Chandra C.H., Saikia D.J.), **317,** 658
Stellar indices and kinematics in Seyfert 1 nuclei (Jiménez-Benito L., Díaz A.I., Terlevich R., Terlevich E.), **317,** 907
Compton-thick X-ray absorption in the Seyfert galaxies Tololo 0109–383 and ESO 138–G1 (Collinge M.J., Brandt W.N.), **317,** L35
Thermally driven outflows from pair-plasma pressure-mediated shock surfaces around Schwarzschild black holes (Das T.K.), **318,** 294
Active nucleus in a post-starburst galaxy: KUG 1259 + 280 (Dewangan G.C., Singh K.P., Mayya Y.D., Anupama G.C.), **318,** 309
Spectral energy distributions of FR I nuclei and the FR I/BL Lac unifying model (Capetti A., Trussoni E., Celotti A., Feretti L., Chiaberge M.), **318,** 493
Using *Hubble Space Telescope* images to identify straight segments in galaxy nuclear spirals (Chernin A.D.), **318,** L7
The correlation between black hole mass and bulge velocity dispersion in hierarchical galaxy formation models (Haehnelt M.G., Kauffmann G.), **318,** L35
Multiwavelength study of the nuclei of a volume-limited sample of galaxies – I. X-ray observations (Lira P., Lawrence A., Johnson R.A.), **319,** 17
The 3.4-μm absorption feature towards three obscured active galactic nuclei (Imanishi M.), **319,** 331
1–5 μm imaging of 3CRR galaxies: the K–z relation and the geometry of the torus (Simpson C., Ward M., Wall J.V.), **319,** 963

Photometry

The bimodal spiral galaxy surface brightness distribution (Bell E.F., de Blok W.J.G.), **311,** 668
Galaxy number counts – IV. Surveying the Herschel Deep Field in the near-infrared (McCracken H.J., Metcalfe N., Shanks T., Campos A., Gardner J.P., Fong R.), **311,** 707
Broad-band and Hα surface photometry of the central regions of nearby active galaxies – I. Observations (Sánchez-Portal M., Díaz Á.I., Terlevich R., Terlevich E., Álvarez Álvarez M., Aretxaga I.), **312,** 2
Chemo-spectrophotometric evolution of spiral galaxies – II. Main properties of present-day disc galaxies (Boissier S., Prantzos N.), **312,** 398
The star formation histories of low surface brightness galaxies (Bell E.F., Barnaby D., Bower R.G., de Jong R.S., Harper D.A., Jr, Hereld M., Loewenstein R.F., Rauscher B.J.), **312,** 470
Imaging of the merging galaxy NGC 3597 and its population of protoglobular clusters (Forbes D.A., Hau G.K.T.), **312,** 703
Chemo-spectrophotometric evolution of spiral galaxies – III. Abundance and colour gradients in discs (Prantzos N., Boissier S.), **313,** 338
Tracing the vertical composition of disc galaxies through colour gradients (de Grijs R., Peletier R.F.), **313,** 800
Wide-field CCD surface photometry of the giant elliptical galaxy NGC 4472 in the Virgo cluster (Kim E., Lee M.G., Geisler D.), **314,** 307
Rapid optical variability in radio-quiet QSOs (Gopal-Krishna, Gupta A.C., Sagar R., Wiita P.J., Chaubey U.S., Stalin C.S.), **314,** 815
Metallicity in damped Lyman-α systems: evolution or bias? (Prantzos N., Boissier S.), **315,** 82
Star formation properties of Universidad Complutense de Madrid survey galaxies (Gil de Paz A., Aragón-Salamanca A., Gallego J., Alonso-Herrero A., Zamorano J., Kauffmann G.), **316,** 357
Deprojection of light distributions of nearby systems: perspective effect and non-uniqueness (Zhao H.), **316,** 418
The LBDS Hercules sample of mJy radio sources at 1.4 GHz – I. Multicolour photometry (Waddington I., Windhorst R.A., Dunlop J.S., Koo D.C., Peacock J.A.), **317,** 801
Infrared photometry of $z \sim 1$ 3C quasars (Simpson C., Rawlings S.), **317,** 1023
The density of extremely red objects around high-z radio-loud active galactic nuclei (Cimatti A., Villani D., Pozzetti L., di Serego Alighieri S.), **318,** 453
Spectral energy distributions of FR I nuclei and the FR I/BL Lac unifying model (Capetti A., Trussoni E., Celotti A., Feretti L., Chiaberge M.), **318,** 493
Two-dimensional modelling of optical *Hubble Space Telescope* and infrared tip–tilt images of quasar host galaxies (McLure R.J., Dunlop J.S., Kukula M.J.), **318,** 693
Projected properties of triaxial modified Hubble mass models (Chakraborty D.K., Thakur P.), **318,** 1273
Morphological number counts and redshift distributions to $I = 25$ from the *Hubble Deep Fields*: constraints on cosmological models from early-type galaxies (Phillipps S., Driver S.P., Couch W.J., Fernandez-Soto A., Bristow P.D., Odewahn S.C., Windhorst R.A., Lanzetta K.), **319,** 807
1–5 μm imaging of 3CRR galaxies: the K–z relation and the geometry of the torus (Simpson C., Ward M., Wall J.V.), **319,** 963
0422–476: a shell galaxy with azimuthally distributed shells (Wilkinson A., Prieur J.-L., Lemoine R., Carter D., Malin D., Sparks W.B.), **319,** 977

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Quasars: absorption lines
Large-scale structure in the Lyman-α forest – II. Analysis of a group of 10 QSOs (Liske J., Webb J.K., Williger G.M., Fernández-Soto A., Carswell R.F.), **311,** 657
An X-ray-absorbed radio-quiet QSO with an intervening strong metal absorption-line system (Page M.J., Mittaz J.P.D., Carrera F.J.), **312,** 207
The KX method for producing *K*-band flux-limited samples of quasars (Warren S.J., Hewett P.C., Foltz C.B.), **312,** 827
Red companions to a $z = 2.15$ radio-loud quasar (Clements D.L.), **312,** L61
The amplitude of mass density fluctuations at $z \approx 3.25$ from the Lyα forest of Q1422 + 231 (Nusser A., Haehnelt M.), **313,** 364
The Lyman α forest in a truncated hierarchical structure formation (Nusser A., Lahav O.), **313,** L39
Spectral analysis of the Lyα forest using wavelets (Meiksin A.), **314,** 566
On the small-scale clustering of the Lyα forest clouds (Ćirković M.M., Lanzetta K.M.), **315,** 473
Broadening of QSO Lyα forest absorbers (Theuns T., Schaye J., Haehnelt M.G.), **315,** 600
A wavelet analysis of the spectra of quasi-stellar objects (Theuns T., Zaroubi S.), **317,** 989
Implications of 21-cm observations for damped Lyα systems (Chengalur J.N., Kanekar N.), **318,** 303
The thermal history of the intergalactic medium (Schaye J., Theuns T., Rauch M., Efstathiou G., Sargent W.L.W.), **318,** 817
Redshift distribution of Lyα lines and metal systems (Demiański M., Doroshkevich A.G., Turchaninov V.), **318,** 1177
Properties of the observed Lyα forest (Demiański M., Doroshkevich A.G., Turchaninov V.), **318,** 1189
Accurate laboratory wavelengths of some ultraviolet lines of Cr, Zn and Ni relevant to time variations of the fine structure constant (Pickering J.C., Thorne A.P., Murray J.E., Litzén U., Johansson S., Zilio V., Webb J.K.), **319,** 163
Low-redshift quasar Lyα absorption-line systems associated with galaxies (Lin W.P., Börner G., Mo H.J.), **319,** 517
Mixing metals in the early Universe (Ferrara A., Pettini M., Shchekinov Y.), **319,** 539

Quasars: emission lines
A Seyfert-like nucleus concealed in BL Lacertae? (Corbett E.A., Robinson A., Axon D.J., Hough J.H.), **311,** 485
Three quasars from a survey of strong 25-μm emitters (Wolstencroft R.D., Parker Q.A., Lonsdale C.J., Scarrott S.M.), **311,** 541
The luminosity dependence of opening angle in unified models of active galaxies (Rudge C.M., Raine D.J.), **311,** 621
The hyperluminous infrared quasar 3C 318 and its implications for interpreting submm detections of high-redshift radio galaxies (Willott C.J., Rawlings S., Jarvis M.J.), **313,** 237
Optical integral field spectroscopy of the extended line emission around six radio-loud quasars (Crawford C.S., Vanderriest C.), **315,** 433
Extended line emission around seven radio-loud quasars at redshift $z \sim 2$ (Wilman R.J., Johnstone R.M., Crawford C.S.), **317,** 9
Testing the photoionization models of powerful radio galaxies: mixed line-emitting media in 3C 321 (Robinson T.G., Tadhunter C.N., Axon D.J., Robinson A.), **317,** 922
Spectropolarimetry of broad Hα lines in radio galaxies: constraints on the geometry of the broad-line and scattering regions (Corbett E.A., Robinson A., Axon D.J., Young S.), **319,** 685

Quasars: general
Joint cosmological formation of QSOs and bulge-dominated galaxies (Monaco P., Salucci P., Danese L.), **311,** 279
Fuelling quasars with hot gas (Nulsen P.E.J., Fabian A.C.), **311,** 346
Collimation of extragalactic radio jets in compact steep-spectrum and larger sources (Jeyakumar S., Saikia D.J.), **311,** 397
An improved method of constructing binned luminosity functions (Page M.J., Carrera F.J.), **311,** 433
The *ROSAT* International X-ray/Optical Survey (RIXOS): source catalogue (Mason K.O. et al.), **311,** 456
A unified model for the evolution of galaxies and quasars (Kauffmann G., Haehnelt M.), **311,** 576
Far-infrared-loud quasars – I. Disturbed and quiescent quasars in the PG survey (Clements D.L.), **311,** 833
An asymmetric relativistic model for classical double radio sources (Arshakian T.G., Longair M.S.), **311,** 846
The contribution of unresolved radio-loud AGN to the extragalactic diffuse gamma-ray background (Mücke A., Pohl M.), **312,** 177
On possible 'cosmic ray cocoons' of relativistic jets (Ostrowski M.), **312,** 579
The KX method for producing *K*-band flux-limited samples of quasars (Warren S.J., Hewett P.C., Foltz C.B.), **312,** 827
Red companions to a $z = 2.15$ radio-loud quasar (Clements D.L.), **312,** L61
The environments of intermediate-redshift QSOs: $0.3 < z < 0.7$ (Smith R.J., Boyle B.J., Maddox S.J.), **313,** 252
The black hole mass–galaxy age relation (Merrifield M.R., Forbes D.A., Terlevich A.I.), **313,** L29
A deep *ROSAT* survey – XV. The average QSO spectrum and its evolution (Blair A.J., Stewart G.C., Georgantopoulos I., Boyle B.J., Griffiths R.E., Shanks T., Almaini O.), **314,** 138
Rapid optical variability in radio-quiet QSOs (Gopal-Krishna, Gupta A.C., Sagar R., Wiita P.J., Chaubey U.S., Stalin C.S.), **314,** 815
The large-scale distribution of warm ionized gas around nearby radio galaxies with jet–cloud interactions (Tadhunter C.N., Villar-Martin M., Morganti R., Bland-Hawthorn J., Axon D.), **314,** 849
Narrow-line Seyfert 1 galaxies and the evolution of galaxies and active galaxies (Mathur S.), **314,** L17
Limits on the microlens mass function of Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L.), **315,** 51
A gravitational microlensing determination of continuum source size in Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L., Mortlock D.J.), **315,** 62
X-ray variability in a deep, flux-limited sample of QSOs (Almaini O., Lawrence A., Shanks T., Edge A., Boyle B.J., Georgantopoulos I., Gunn K.F., Stewart G.C., Griffiths R.E.), **315,** 325
Hubble Space Telescope observations of X-ray-selected active galactic nuclei (Schade D.J., Boyle B.J., Letawsky M.), **315,** 498
Compact radio sources variable at 151 MHz – I. Catalogue of sources (Minns A.R., Riley J.M.), **315,** 839
Testing the connection between the X-ray and submillimetre source populations using *Chandra* (Fabian A.C., Smail I., Iwasawa K., Allen S.W., Blain A.W., Crawford C.S., Ettori S., Ivison R.J., Johnstone R.M., Kneib J.-P., Wilman R.J.), **315,** L8
Optical off-nuclear spectra of quasar hosts and radio galaxies (Hughes D.H., Kukula M.J., Dunlop J.S., Boroson T.), **316,** 204
X-ray spectra of a large sample of quasars with *ASCA* (Reeves J.N., Turner M.J.L.), **316,** 234
Clustering of galaxies around radio quasars at $0.5 \leq z \leq 0.8$ (Wold M., Lacy M., Lilje P.B., Serjeant S.), **316,** 267
The quasar fraction in low-frequency-selected complete samples and implications for unified schemes (Willott C.J., Rawlings S., Blundell K.M., Lacy M.), **316,** 449
Two-phase radiative/conductive equilibrium in active galactic nuclei and galactic black holes (Różańska A., Czerny B.), **316,** 473
Quasars: a supermassive rotating toroidal black hole interpretation (Spivey R.J.), **316,** 856
Extended line emission around seven radio-loud quasars at redshift $z \sim 2$ (Wilman R.J., Johnstone R.M., Crawford C.S.), **317,** 9
The masses of black holes in the nuclei of spirals (Salucci P., Ratnam C., Monaco P., Danese L.), **317,** 488
Relativistic beaming effects in the spectra of cores and hotspots in radio galaxies and quasars (Ishwara-Chandra C.H., Saikia D.J.), **317,** 658
The LBDS Hercules sample of mJy radio sources at 1.4 GHz – I. Multicolour photometry (Waddington I., Windhorst R.A., Dunlop J.S., Koo D.C., Peacock J.A.), **317,** 801

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The 2dF QSO Redshift Survey – I. The optical luminosity function of quasi-stellar objects (Boyle B.J., Shanks T., Croom S.M., Smith R.J., Miller L., Loaring N., Heymans C.), **317,** 1014
Infrared photometry of $z \sim 1$ 3C quasars (Simpson C., Rawlings S.), **317,** 1023
Thermally driven outflows from pair-plasma pressure-mediated shock surfaces around Schwarzschild black holes (Das T.K.), **318,** 294
The space density of low-redshift active galactic nuclei (Londish D., Boyle B.J., Schade D.J.), **318,** 411
Two-dimensional modelling of optical *Hubble Space Telescope* and infrared tip–tilt images of quasar host galaxies (McLure R.J., Dunlop J.S., Kukula M.J.), **318,** 693
Compact radio sources variable at 151 MHz – II. High-resolution observations of an unbiased sample (Minns A.R., Riley J.M.), **318,** 827
The X-ray variability of the Seyfert 1 galaxy MCG–6-30-15 from long *ASCA* and *RXTE* observations (Lee J.C., Fabian A.C., Reynolds C.S., Brandt W.N., Iwasawa K.), **318,** 857
The angular correlation function of the *ROSAT* All-Sky Survey Bright Source Catalogue (Akylas A., Georgantopoulos I., Plionis M.), **318,** 1036
Redshift distribution of Lyα lines and metal systems (Demiański M., Doroshkevich A.G., Turchaninov V.), **318,** 1177
Hot dust in two hard *Chandra* X-ray sources (Wilman R.J., Fabian A.C., Gandhi P.), **318,** L11
The correlation between black hole mass and bulge velocity dispersion in hierarchical galaxy formation models (Haehnelt M.G., Kauffmann G.), **318,** L35
On the redshift cut-off for flat-spectrum radio sources (Jarvis M.J., Rawlings S.), **319,** 121
A physical model for the hard X-ray background (Wilman R.J., Fabian A.C., Nulsen P.E.J.), **319,** 583

Quasars: individual: 0917 + 624
VLBI and VLA observations of intraday polarization variability in 0917 + 624 and 0954 + 658 (Gabuzda D.C., Kochenov P.Yu., Kollgaard R.I., Cawthorne T.V.), **315,** 229

Quasars: individual: 3C 279
VLBI polarization images of eight compact active galactic nuclei at $\lambda = 1.3$ cm (Gabuzda D.C., Cawthorne T.V.), **319,** 1056

Quasars: individual: 3C 318
The hyperluminous infrared quasar 3C 318 and its implications for interpreting submm detections of high-redshift radio galaxies (Willott C.J., Rawlings S., Jarvis M.J.), **313,** 237

Quasars: individual: B0128 + 437
A new quadruple gravitational lens system: CLASS B0128 + 437 (Phillips P.M., Norbury M.A., Koopmans L.V.E., Browne I.W.A., Jackson N.J., Wilkinson P.N., Biggs A.D., Blandford R.D., de Bruyn A.G., Fassnacht C.D., Helbig P., Mao S., Marlow D.R., Myers S.T., Pearson T.J., Readhead A.C.S., Rusin D., Xanthopoulos E.), **319,** L7

Quasars: individual: F21382–2659
Three quasars from a survey of strong 25-μm emitters (Wolstencroft R.D., Parker Q.A., Lonsdale C.J., Scarrott S.M.), **311,** 541

Quasars: individual: Hawaii 167
SCUBA observations of Hawaii 167 (Lewis G.F., Chapman S.C.), **318,** L31

Quasars: individual: PC 1643 + 4631 A&B
Microwave background anisotropies arising from non-linear structures in open and Λ universes (Dabrowski Y., Hall M.J., Sawicki I.L., Lasenby A.N.), **318,** 393

Quasars: individual: PDS 456
PDS 456: an extreme accretion rate quasar? (Reeves J.N., O'Brien P.T., Vaughan S., Law-Green D., Ward M., Simpson C., Pounds K.A., Edelson R.), **312,** L17

Quasars: individual: Q2237 + 0305
Limits on the microlens mass function of Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L.), **315,** 51
A gravitational microlensing determination of continuum source size in Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L., Mortlock D.J.), **315,** 62
The rate of caustic crossing microlensing events for Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L.), **315,** 337
A small source in Q2237 + 0305? (Wyithe J.S.B., Webster R.L., Turner E.L.), **318,** 762
Predicting caustic-crossing high-magnification events in Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L., Agol E.), **318,** 1105
Interpretation of the OGLE Q2237 + 0305 microlensing light curve (1997–1999) (Wyithe J.S.B., Webster R.L., Turner E.L.), **318,** 1120

Quasars: individual: RX J005734.78–272827.4
An X-ray-absorbed radio-quiet QSO with an intervening strong metal absorption-line system (Page M.J., Mittaz J.P.D., Carrera F.J.), **312,** 207

Quasars: individual: SAX J1353.9 + 1820
Optical, near-infrared and hard X-ray observations of SAX J1353.9 + 1820: a red quasar (Vignali C., Mignoli M., Comastri A., Maiolino R., Fiore F.), **314,** L11

Quasars: individual: Z05558–5008
Three quasars from a survey of strong 25-μm emitters (Wolstencroft R.D., Parker Q.A., Lonsdale C.J., Scarrott S.M.), **311,** 541

Quasars: individual: Z06367–6845
Three quasars from a survey of strong 25-μm emitters (Wolstencroft R.D., Parker Q.A., Lonsdale C.J., Scarrott S.M.), **311,** 541

Seyfert
V, *R*, *I* and Hα photometry of circumnuclear star-forming regions in four galaxies with different levels of nuclear activity (Díaz A.I., Álvarez Álvarez M., Terlevich E., Terlevich R., Sánchez Portal M., Aretxaga I.), **311,** 120
The luminosity dependence of opening angle in unified models of active galaxies (Rudge C.M., Raine D.J.), **311,** 621
H I and radio continuum study of the isolated SBa Seyfert galaxy NGC 3783 (Blank D.L., Cram L.E.), **312,** 247
A generic scattering model for AGN (Young S.), **312,** 567
Simultaneous EUV and X-ray variability of NGC 4051 (Uttley P., M$^{\rm c}$Hardy I.M., Papadakis I.E., Cagnoni I., Fruscione A.), **312,** 880
The role of advection in the accreting corona model for active galactic nuclei and Galactic black holes (Janiuk A., Życki P.T., Czerny B.), **314,** 364
High-resolution radio observations of Seyfert galaxies in the extended 12-μm sample – I. The observations (Thean A., Pedlar A., Kukula M.J., Baum S.A., O'Dea C.P.), **314,** 573
Narrow-line Seyfert 1 galaxies and the evolution of galaxies and active galaxies (Mathur S.), **314,** L17
X-ray iron line variability for the model of an orbiting flare above a black hole accretion disc (Ruszkowski M.), **315,** 1
An extended multi-zone model for the MCG–6-30-15 warm absorber (Morales R., Fabian A.C., Reynolds C.S.), **315,** 149
On the influence of resonant absorption on the iron emission-line profiles from accreting black holes (Ruszkowski M., Fabian A.C.), **315,** 223
Testing the connection between the X-ray and submillimetre source populations using *Chandra* (Fabian A.C., Smail I., Iwasawa K., Allen S.W., Blain A.W., Crawford C.S., Ettori S., Ivison R.J., Johnstone R.M., Kneib J.-P., Wilman R.J.), **315,** L8
Extended gas in Seyfert galaxies: near-infrared observations of 15 active nuclei (Winge C., Storchi-Bergmann T., Ward M.J., Wilson A.S.), **316,** 1
The European Large Area *ISO* Survey – II. Mid-infrared extragalactic source counts (Serjeant S. et al.), **316,** 768
Reprocessed emission from warped accretion discs with application to X-ray iron line profiles (Hartnoll S.A., Blackman E.G.), **317,** 880

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Stellar indices and kinematics in Seyfert 1 nuclei (Jiménez-Benito L., Díaz A.I., Terlevich R., Terlevich E.), **317,** 907
Compton-thick X-ray absorption in the Seyfert galaxies Tololo 0109–383 and ESO 138–G1 (Collinge M.J., Brandt W.N.), **317,** L35
The X-ray spectra of Compton-thick Seyfert 2 galaxies as seen by *BeppoSAX* (Matt G., Fabian A.C., Guainazzi M., Iwasawa K., Bassani L., Malaguti G.), **318,** 173
A cloud model of active galactic nuclei: the iron Kα line diagnostics (Karas V., Czerny B., Abrassart A., Abramowicz M.A.), **318,** 547
Coronal activity from dynamos in astrophysical rotators (Blackman E.G., Field G.B.), **318,** 724
The X-ray variability of the Seyfert 1 galaxy MCG–6-30-15 from long *ASCA* and *RXTE* observations (Lee J.C., Fabian A.C., Reynolds C.S., Brandt W.N., Iwasawa K.), **318,** 857
X-ray absorption and rapid variability of the dwarf Seyfert nucleus of NGC 4395 (Iwasawa K., Fabian A.C., Almaini O., Lira P., Lawrence A., Hayashida K., Inoue H.), **318,** 879
Hot dust in two hard *Chandra* X-ray sources (Wilman R.J., Fabian A.C., Gandhi P.), **318,** L11
A physical model for the hard X-ray background (Wilman R.J., Fabian A.C., Nulsen P.E.J.), **319,** 583
Near-infrared adaptive optics imaging of nuclear spiral structure in the Seyfert galaxy NGC 3227 (Chapman S.C., Morris S.L., Walker G.A.H.), **319,** 666
RXTE observations of the Seyfert galaxy NGC 5506: evidence for reflection from disc and torus (Lamer G., Uttley P., M^{c}Hardy I.M.), **319,** 949
The European Large Area *ISO* Survey – III. 90-μm extragalactic source counts (Efstathiou A., Oliver S., Rowan-Robinson M., Surace C., Sumner T., Héraudeau P., Linden-Vørnle M.J.D., Rigopoulou D., Serjeant S., Mann R.G., Cesarsky C.J., Danese L., Franceschini A., Genzel R., Lawrence A., Lemke D., McMahon R.G., Miley G., Puget J.-L., Rocca-Volmerange B.), **319,** 1169

Spiral

Constraining the star formation histories of spiral bulges (Proctor R.N., Sansom A.E., Reid I.N.), **311,** 37
Effects of clumping on the observed properties of dusty galaxies (Bianchi S., Ferrara A., Davies J.I., Alton P.B.), **311,** 601
The bimodal spiral galaxy surface brightness distribution (Bell E.F., de Blok W.J.G.), **311,** 668
Spectroscopy of globular cluster candidates in the Sculptor group galaxies NGC 253 and 55 (Beasley M.A., Sharples R.M.), **311,** 673
Secular evolution of late-type disc galaxies: formation of bulges and the origin of bar dichotomy (Noguchi M.), **312,** 194
Chemo-spectrophotometric evolution of spiral galaxies – II. Main properties of present-day disc galaxies (Boissier S., Prantzos N.), **312,** 398
The star formation histories of low surface brightness galaxies (Bell E.F., Barnaby D., Bower R.G., de Jong R.S., Harper D.A., Jr, Hereld M., Loewenstein R.F., Rauscher B.J.), **312,** 470
The stellar populations of spiral galaxies (Bell E.F., de Jong R.S.), **312,** 497
Submillimetre imaging of NGC 3079 (Stevens J.A., Gear W.K.), **312,** L5
Gravitational instability in a system of particles with mass spectrum (Volkov E., Ortega V.G.), **313,** 112
The formation of the Hubble sequence of disc galaxies: the effects of early viscous evolution (Zhang B., Wyse R.F.G.), **313,** 310
Chemo-spectrophotometric evolution of spiral galaxies – III. Abundance and colour gradients in discs (Prantzos N., Boissier S.), **313,** 338
Orbits supporting bars within bars (Maciejewski W., Sparke L.S.), **313,** 745
Tracing the vertical composition of disc galaxies through colour gradients (de Grijs R., Peletier R.F.), **313,** 800
Metallicity in damped Lyman-α systems: evolution or bias? (Prantzos N., Boissier S.), **315,** 82
The cosmological dependence of galactic specific angular momenta (Eke V., Efstathiou G., Wright L.), **315,** L18
The line-of-sight velocity distributions of simulated merger remnants (Bendo G.J., Barnes J.E.), **316,** 315
Circumnuclear regions in barred spiral galaxies – I. Near-infrared imaging (Pérez-Ramírez D., Knapen J.H., Peletier R.F., Laine S., Doyon R., Nadeau D.), **317,** 234
The masses of black holes in the nuclei of spirals (Salucci P., Ratnam C., Monaco P., Danese L.), **317,** 488
An Hα survey of eight Abell clusters: the dependence of tidally induced star formation on cluster density (Moss C., Whittle M.), **317,** 667
The Tully–Fisher relation and its implications for the halo density profile and self-interacting dark matter (Mo H.J., Mao S.), **318,** 163
Using *Hubble Space Telescope* images to identify straight segments in galaxy nuclear spirals (Chernin A.D.), **318,** L7
Exploring the evolution of spiral galaxies (Bell E.F., Bower R.G.), **319,** 235
N-body model for M51 – I. Multiple encounter versus single passage? (Salo H., Laurikainen E.), **319,** 377
N-body model for M51 – II. Inner structure (Salo H., Laurikainen E.), **319,** 393
The optical polarization of spiral galaxies (Simmons J.F.L., Audit E.), **319,** 497
Young massive star clusters in M51 (Larsen S.S.), **319,** 893

Starburst

V, *R*, *I* and Hα photometry of circumnuclear star-forming regions in four galaxies with different levels of nuclear activity (Díaz A.I., Álvarez Álvarez M., Terlevich E., Terlevich R., Sánchez Portal M., Aretxaga I.), **311,** 120
The local environment of H II galaxies (Telles E., Maddox S.), **311,** 307
Dust and gas in luminous infrared galaxies – results from SCUBA observations (Lisenfeld U., Isaak K.G., Hills R.), **312,** 433
An ultraviolet-selected galaxy redshift survey – II. The physical nature of star formation in an enlarged sample (Sullivan M., Treyer M.A., Ellis R.S., Bridges T.J., Milliard B., Donas J.), **312,** 442
A multiwavelength view at the heart of the superwind in NGC 253 (Forbes D.A., Polehampton E., Stevens I.R., Brodie J.P., Ward M.J.), **312,** 689
Modelling star formation and feedback in simulations of interacting galaxies (Springel V.), **312,** 859
Massive star formation in galaxies: radiative transfer models of the UV to millimetre emission of starburst galaxies (Efstathiou A., Rowan-Robinson M., Siebenmorgen R.), **313,** 734
Adaptive optics near-infrared imaging of NGC 2992 – unveiling core structures related to radio figure-of-8 loops (Chapman S.C., Morris S.L., Alonso-Herrero A., Falcke H.), **314,** 263
Population synthesis of H II galaxies (Raimann D., Bica E., Storchi-Bergmann T., Melnick J., Schmitt H.), **314,** 295
Starburst-driven galactic winds – I. Energetics and intrinsic X-ray emission (Strickland D.K., Stevens I.R.), **314,** 511
X-ray observations of the ultraluminous infrared galaxy IRAS 19254–7245 (the Superantennae) (Pappa A., Georgantopoulos I., Stewart G.C.), **314,** 589
X-ray observations of the 'composite' Seyfert/star-forming galaxy IRAS 00317–2142 (Georgantopoulos I.), **315,** 77
The SCUBA Local Universe Galaxy Survey – I. First measurements of the submillimetre luminosity and dust mass functions (Dunne L., Eales S., Edmunds M., Ivison R., Alexander P., Clements D.L.), **315,** 115
The diversity of SCUBA-selected galaxies (Ivison R.J., Smail I., Barger A.J., Kneib J.-P., Blain A.W., Owen F.N., Kerr T.H., Cowie L.L.), **315,** 209
Testing the connection between the X-ray and submillimetre source populations using *Chandra* (Fabian A.C., Smail I., Iwasawa K., Allen S.W., Blain A.W., Crawford C.S., Ettori S., Ivison R.J., Johnstone R.M., Kneib J.-P., Wilman R.J.), **315,** L8
Modelling the bar in the centre of the starburst galaxy M82 (Wills K.A., Das M., Pedlar A., Muxlow T.W.B., Robinson T.G.), **316,** 33
A near-infrared polarized bipolar cone in the Circinus galaxy (Ruiz M., Alexander D.M., Young S., Hough J., Lumsden S.L., Heisler C.A.), **316,** 49

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RXTE observation of NGC 6240: a search for the obscured active nucleus (Ikebe Y., Leighly K., Tanaka Y., Nakagawa T., Terashima Y., Komossa S.), **316,** 433
Gas properties of H II and starburst galaxies: relation with the stellar population (Raimann D., Storchi-Bergmann T., Bica E., Melnick J., Schmitt H.), **316,** 559
The European Large Area *ISO* Survey – I. Goals, definition and observations (Oliver S. et al.), **316,** 749
The European Large Area *ISO* Survey – II. Mid-infrared extragalactic source counts (Serjeant S. et al.), **316,** 768
Hyperluminous infrared galaxies (Rowan-Robinson M.), **316,** 885
Circumnuclear regions in barred spiral galaxies – I. Near-infrared imaging (Pérez-Ramírez D., Knapen J.H., Peletier R.F., Laine S., Doyon R., Nadeau D.), **317,** 234
Molecular gas in blue compact dwarf galaxies (Barone L.T., Heithausen A., Hüttemeister S., Fritz T., Klein U.), **317,** 649
A model of supernova feedback in galaxy formation (Efstathiou G.), **317,** 697
Lyα imaging of a very luminous $z = 2.3$ starburst galaxy with WFPC2 (Roche N., Lowenthal J., Woodgate B.), **317,** 937
Extremely red galaxies: age and dust degeneracy solved? (Pozzetti L., Mannucci F.), **317,** L17
Hubble Space Telescope imaging survey of sub-mJy star-forming galaxies – I. Morphologies at $z \sim 0.2$ (Serjeant S., Mobasher B., Gruppioni C., Oliver S.), **317,** L29
Cold gas and star formation in a merging galaxy sequence (Georgakakis A., Forbes D.A., Norris R.P.), **318,** 124
Starburst galaxies and structure in the submillimetre background towards the *Hubble Deep Field* (Peacock J.A., Rowan-Robinson M., Blain A.W., Dunlop J.S., Efstathiou A., Hughes D.H., Jenness T., Ivison R.J., Lawrence A., Longair M.S., Mann R.G., Oliver S.J., Serjeant S.), **318,** 535
The redshift distribution of FIRST radio sources at 1 mJy (Magliocchetti M., Maddox S.J., Wall J.V., Benn C.R., Cotter G.), **318,** 1047
A search for the submillimetre counterparts to Lyman break galaxies (Chapman S.C., Scott D., Steidel C.C., Borys C., Halpern M., Morris S.L., Adelberger K.L., Dickinson M., Giavalisco M., Pettini M.), **319,** 318
Near-infrared adaptive optics imaging of nuclear spiral structure in the Seyfert galaxy NGC 3227 (Chapman S.C., Morris S.L., Walker G.A.H.), **319,** 666
The European Large Area *ISO* Survey – III. 90-μm extragalactic source counts (Efstathiou A., Oliver S., Rowan-Robinson M., Surace C., Sumner T., Héraudeau P., Linden-Vørnle M.J.D., Rigopoulou D., Serjeant S., Mann R.G., Cesarsky C.J., Danese L., Franceschini A., Genzel R., Lawrence A., Lemke D., McMahon R.G., Miley G., Puget J.-L., Rocca-Volmerange B.), **319,** 1169

Star clusters

Final stages of *N*-body star cluster encounters (de Oliveira M.R., Bica E., Dottori H.), **311,** 589
Spectroscopy of globular cluster candidates in the Sculptor group galaxies NGC 253 and 55 (Beasley M.A., Sharples R.M.), **311,** 673
Imaging of the merging galaxy NGC 3597 and its population of protoglobular clusters (Forbes D.A., Hau G.K.T.), **312,** 703
The massive stellar content of the H II region NGC 604 and its evolutionary state (González Delgado R.M., Pérez E.), **317,** 64
Imaging of the protoelliptical NGC 1700 and its globular cluster system (Brown R.J.N., Forbes D.A., Kissler-Patig M., Brodie J.P.), **317,** 406
Evolution of globular cluster systems in elliptical galaxies – I. Log-normal initial mass function (Vesperini E.), **318,** 841
Ages and metallicities of globular clusters in NGC 4472 (Beasley M.A., Sharples R.M., Bridges T.J., Hanes D.A., Zepf S.E., Ashman K.M., Geisler D.), **318,** 1249
Young massive star clusters in M51 (Larsen S.S.), **319,** 893

Statistics

The local environment of H II galaxies (Telles E., Maddox S.), **311,** 307
The bimodal spiral galaxy surface brightness distribution (Bell E.F., de Blok W.J.G.), **311,** 668
The nature of galaxy bias and clustering (Benson A.J., Cole S., Frenk C.S., Baugh C.M., Lacey C.G.), **311,** 793
Topology and geometry of the CfA2 redshift survey (Schmalzing J., Diaferio A.), **312,** 638
Tracing the vertical composition of disc galaxies through colour gradients (de Grijs R., Peletier R.F.), **313,** 800
High-resolution radio observations of Seyfert galaxies in the extended 12-μm sample – I. The observations (Thean A., Pedlar A., Kukula M.J., Baum S.A., O'Dea C.P.), **314,** 573
The dependence of velocity and clustering statistics on galaxy properties (Benson A.J., Baugh C.M., Cole S., Frenk C.S., Lacey C.G.), **316,** 107
Massive lossless data compression and multiple parameter estimation from galaxy spectra (Heavens A.F., Jimenez R., Lahav O.), **317,** 965
The density of extremely red objects around high-z radio-loud active galactic nuclei (Cimatti A., Villani D., Pozzetti L., di Serego Alighieri S.), **318,** 453
Projected bispectrum in spherical harmonics and its application to angular galaxy catalogues (Verde L., Heavens A.F., Matarrese S.), **318,** 584
The one-point PDF of the initial conditions of our local Universe from the *IRAS* PSC redshift catalogue (Monaco P., Efstathiou G., Maddox S.J., Branchini E., Frenk C.S., McMahon R.G., Oliver S.J., Rowan-Robinson M., Saunders W., Sutherland W.J., Tadros H., White S.D.M.), **318,** 681
Galaxy clustering in the Herschel Deep Field (McCracken H.J., Shanks T., Metcalfe N., Fong R., Campos A.), **318,** 913
Two ways of biasing galaxy formation (Catelan P., Porciani C., Kamionkowski M.), **318,** L39
Intrinsic correlation of galaxy shapes: implications for weak lensing measurements (Heavens A., Refregier A., Heymans C.), **319,** 649
Gravitational lensing by elliptical galaxies (Mortlock D.J., Webster R.L.), **319,** 860

Stellar content

Constraining the star formation histories of spiral bulges (Proctor R.N., Sansom A.E., Reid I.N.), **311,** 37
The star formation histories of low surface brightness galaxies (Bell E.F., Barnaby D., Bower R.G., de Jong R.S., Harper D.A., Jr, Hereld M., Loewenstein R.F., Rauscher B.J.), **312,** 470
The stellar populations of spiral galaxies (Bell E.F., de Jong R.S.), **312,** 497
The star formation histories of two northern LMC fields (Dolphin A.E.), **313,** 281
Population synthesis of H II galaxies (Raimann D., Bica E., Storchi-Bergmann T., Melnick J., Schmitt H.), **314,** 295
Error analysis for stellar population synthesis as an inverse problem (Moultaka J., Pelat D.), **314,** 409
Comprehensive analytic formulae for stellar evolution as a function of mass and metallicity (Hurley J.R., Pols O.R., Tout C.A.), **315,** 543
Optical off-nuclear spectra of quasar hosts and radio galaxies (Hughes D.H., Kukula M.J., Dunlop J.S., Boroson T.), **316,** 204
Galactic bulges (Mollá M., Ferrini F., Gozzi G.), **316,** 345
Spectroscopic constraints on the stellar population of elliptical galaxies in the Coma cluster (Mobasher B., James P.A.), **316,** 507
Gas properties of H II and starburst galaxies: relation with the stellar population (Raimann D., Storchi-Bergmann T., Bica E., Melnick J., Schmitt H.), **316,** 559
How galaxies disguise their ages (De Propris R.), **316,** L9
The stellar content of brightest cluster galaxies (James P.A., Mobasher B.), **317,** 259
Stellar indices and kinematics in Seyfert 1 nuclei (Jiménez-Benito L., Díaz A.I., Terlevich R., Terlevich E.), **317,** 907
Testing the photoionization models of powerful radio galaxies: mixed line-emitting media in 3C 321 (Robinson T.G., Tadhunter C.N., Axon D.J., Robinson A.), **317,** 922
Chemical abundances and ionizing clusters of H II regions in the LINER galaxy NGC 4258 (Díaz A.I., Castellanos M., Terlevich E., García-Vargas M.L.), **318,** 462

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Exploring the evolution of spiral galaxies (Bell E.F., Bower R.G.), **319,** 235

Structure

Approximate third integrals for axisymmetric potentials using local Stäckel fits (De Bruyne V., Leeuwin F., Dejonghe H.), **311,** 297

The origin and formation of cuspy density profiles through violent relaxation of stellar systems (Hozumi S., Burkert A., Fujiwara T.), **311,** 377

On the magnification relations in quadruple lenses: a moment approach (Witt H.J., Mao S.), **311,** 689

Time evolution of galactic warps in prolate haloes (Ideta M., Hozumi S., Tsuchiya T., Takizawa M.), **311,** 733

Secular evolution of late-type disc galaxies: formation of bulges and the origin of bar dichotomy (Noguchi M.), **312,** 194

The stellar populations of spiral galaxies (Bell E.F., de Jong R.S.), **312,** 497

The formation of the Hubble sequence of disc galaxies: the effects of early viscous evolution (Zhang B., Wyse R.F.G.), **313,** 310

Orbits supporting bars within bars (Maciejewski W., Sparke L.S.), **313,** 745

Optimal softening for force calculations in collisionless *N*-body simulations (Athanassoula E., Fady E., Lambert J.C., Bosma A.), **314,** 475

Large-scale magnetohydrodynamic density-wave structures in the Andromeda nebula (Lou Y.-Q., Fan Z.), **315,** 646

Galactic bulges (Mollá M., Ferrini F., Gozzi G.), **316,** 345

Feature relevance in morphological galaxy classification (Bazell D.), **316,** 519

Central cusp caused by a supermassive black hole in axisymmetric models of elliptical galaxies (Leeuwin F., Athanassoula E.), **317,** 79

Circumnuclear regions in barred spiral galaxies – I. Near-infrared imaging (Pérez-Ramírez D., Knapen J.H., Peletier R.F., Laine S., Doyon R., Nadeau D.), **317,** 234

Imaging of the protoelliptical NGC 1700 and its globular cluster system (Brown R.J.N., Forbes D.A., Kissler-Patig M., Brodie J.P.), **317,** 406

From kinematics to dynamics in thin galactic discs (Mathieu A., Merrifield M.R.), **318,** 40

The Tully–Fisher relation and its implications for the halo density profile and self-interacting dark matter (Mo H.J., Mao S.), **318,** 163

Chemical abundances and ionizing clusters of H II regions in the LINER galaxy NGC 4258 (Díaz A.I., Castellanos M., Terlevich E., García-Vargas M.L.), **318,** 462

Triaxial haloes and particle dark matter detection (Evans N.W., Carollo C.M., de Zeeuw P.T.), **318,** 1131

Projected properties of triaxial modified Hubble mass models (Chakraborty D.K., Thakur P.), **318,** 1273

N-body model for M51 – I. Multiple encounter versus single passage? (Salo H., Laurikainen E.), **319,** 377

N-body model for M51 – II. Inner structure (Salo H., Laurikainen E.), **319,** 393

Gravitational lensing by elliptical galaxies (Mortlock D.J., Webster R.L.), **319,** 860

Cosmology

Cosmic microwave background

Inflationary constraints on cosmological field theory (Overduin J.M.), **311,** 357

Simultaneous estimation of noise and signal in cosmic microwave background experiments (Ferreira P.G., Jaffe A.H.), **312,** 89

Thermal and kinematic corrections to the microwave background polarization induced by galaxy clusters along the line of sight (Challinor A.D., Ford M.T., Lasenby A.N.), **312,** 159

COBE and global topology: an example of the application of the identified circles principle (Roukema B.F.), **312,** 712

Constraints on structure formation models from the Sunyaev–Zel'dovich effect (Majumdar S., Subrahmanyan R.), **312,** 724

Is the radiation temperature–redshift relation of the standard cosmology in accordance with the data? (Lima J.A.S., Silva A.I., Viegas S.M.), **312,** 747

Large-scale structure, the cosmic microwave background and primordial non-Gaussianity (Verde L., Wang L., Heavens A.F., Kamionkowski M.), **313,** 141

Cosmic microwave background bispectrum and slow-roll inflation (Gangui A., Martin J.), **313,** 323

A preferred-direction statistic for sky maps (Bunn E.F., Scott D.), **313,** 331

1°- and 2°.5-scale interferometric surveys in the northern sky at 5 GHz (Giardino G., Asareh H., Melhuish S.J., Davies R.D., Davis R.J., Jones A.W.), **313,** 689

Effects of inflationary bubbles on the polarization and temperature anisotropies of the cosmic microwave background (Baccigalupi C., Perrotta F.), **314,** 1

Cosmic microwave background polarization data and galactic foregrounds: estimation of cosmological parameters (Prunet S., Sethi S.K., Bouchet F.R.), **314,** 348

The *IRAS* PSC$_z$ dipole (Rowan-Robinson M., Sharpe J., Oliver S.J., Keeble O., Canavezes A., Saunders W., Taylor A.N., Valentine H., Frenk C.S., Efstathiou G.P., McMahon R.G., White S.D.M., Sutherland W., Tadros H., Maddox S.), **314,** 375

Temperature correlations in a compact hyperbolic universe (Inoue K.T., Tomita K., Sugiyama N.), **314,** L21

Isotropic wavelets: a powerful tool to extract point sources from cosmic microwave background maps (Cayón L., Sanz J.L., Barreiro R.B., Martínez-González E., Vielva P., Toffolatti L., Silk J., Diego J.M., Argüeso F.), **315,** 757

An Australia Telescope survey for CMB anisotropies (Subrahmanyan R., Kesteven M.J., Ekers R.D., Sinclair M., Silk J.), **315,** 808

Bayesian 'hyper-parameters' approach to joint estimation: the Hubble constant from CMB measurements (Lahav O., Bridle S.L., Hobson M.P., Lasenby A.N., Sodré L., Jr), **315,** L45

A measurement at the first acoustic peak of the cosmic microwave background with the 33-GHz interferometer (Harrison D.L., Rubiño-Martin J.A., Melhuish S.J., Watson R.A., Davies R.D., Rebolo R., Davis R.J., Gutiérrez C.M., Macias-Perez J.F.), **316,** L24

Hydrodynamical simulations of the Sunyaev–Zel'dovich effect (da Silva A.C., Barbosa D., Liddle A.R., Thomas P.A.), **317,** 37

Generalized inflation with a gravitational wave background (Lukash V.N., Mikheeva E.V., Müller V., Malinovsky A.M.), **317,** 795

Microwave background anisotropies arising from non-linear structures in open and Λ universes (Dabrowski Y., Hall M.J., Sawicki I.L., Lasenby A.N.), **318,** 393

Testing the Gaussianity of the *COBE* DMR data with spherical wavelets (Barreiro R.B., Hobson M.P., Lasenby A.N., Banday A.J., Górski K.M., Hinshaw G.), **318,** 475

Neural networks and the separation of cosmic microwave background and astrophysical signals in sky maps (Baccigalupi C., Bedini L., Burigana C., De Zotti G., Farusi A., Maino D., Maris M., Perrotta F., Salerno E., Toffolatti L., Tonazzini A.), **318,** 769

Cosmic microwave background anisotropies resulting from feedback-regulated inhomogeneous reionization (Bruscoli M., Ferrara A., Fabbri R., Ciardi B.), **318,** 1068

Do wavelets really detect non-Gaussianity in the 4-year *COBE* data? (Mukherjee P., Hobson M.P., Lasenby A.N.), **318,** 1157

Cosmology: miscellaneous

H II galaxies as deep cosmological probes (Melnick J., Terlevich R., Terlevich E.), **311,** 629

Deep galaxy counts, extragalactic background light and the stellar baryon budget (Madau P., Pozzetti L.), **312,** L9

The cooling of astrophysical media by HD (Flower D.R., Le Bourlot J., Pineau des Forêts G., Roueff E.), **314,** 753

The effect of radiative cooling on the X-ray properties of galaxy clusters (Pearce F.R., Thomas P.A., Couchman H.M.P., Edge A.C.), **317,** 1029

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Extremely red galaxies: age and dust degeneracy solved? (Pozzetti L., Mannucci F.), **317,** L17
Significant effects of weak gravitational lensing on determinations of the cosmology from Type Ia supernovae (Barber A.J.), **318,** 195
The thermal history of the intergalactic medium (Schaye J., Theuns T., Rauch M., Efstathiou G., Sargent W.L.W.), **318,** 817
Weak gravitational lensing in different cosmologies, using an algorithm for shear in three dimensions (Barber A.J., Thomas P.A., Couchman H.M.P., Fluke C.J.), **319,** 267
On the cosmological distance and redshift between any two objects (Liske J.), **319,** 557
Gravitational lensing by elliptical galaxies (Mortlock D.J., Webster R.L.), **319,** 860

Cosmology: observations
Hubble Space Telescope imaging of the CFRS and LDSS redshift surveys – IV. Influence of mergers in the evolution of faint field galaxies from $z \sim 1$ (Le Fèvre O., Abraham R., Lilly S.J., Ellis R.S., Brinchmann J., Schade D., Tresse L., Colless M., Crampton D., Glazebrook K., Hammer F., Broadhurst T.), **311,** 565
An ultraviolet-selected galaxy redshift survey – II. The physical nature of star formation in an enlarged sample (Sullivan M., Treyer M.A., Ellis R.S., Bridges T.J., Milliard B., Donas J.), **312,** 442
A study of the core of the Shapley Concentration – IV. Distribution of intercluster galaxies and supercluster properties (Bardelli S., Zucca E., Zamorani G., Moscardini L., Scaramella R.), **312,** 540
The *K*-band luminosity function of nearby field galaxies (Loveday J.), **312,** 557
COBE and global topology: an example of the application of the identified circles principle (Roukema B.F.), **312,** 712
Constraints on structure formation models from the Sunyaev–Zel'dovich effect (Majumdar S., Subrahmanyan R.), **312,** 724
Gamma-ray bursts and the history of star formation (Blain A.W., Natarajan P.), **312,** L35
Period–luminosity relations for red supergiant variables – I. The calibration (Pierce M.J., Jurcevic J.S., Crabtree D.), **313,** 271
A preferred-direction statistic for sky maps (Bunn E.F., Scott D.), **313,** 331
The amplitude of mass density fluctuations at $z \approx 3.25$ from the Lyα forest of Q1422 + 231 (Nusser A., Haehnelt M.), **313,** 364
Streaming motions of galaxy clusters within 12 000 km s^{-1} – I. New spectroscopic data (Smith R.J., Lucey J.R., Hudson M.J., Schlegel D.J., Davies R.L.), **313,** 469
A case devoid of bias: Optical Redshift Survey voids versus *IRAS* voids (El-Ad H., Piran T.), **313,** 553
Millimetre/submillimetre-wave emission-line searches for high-redshift galaxies (Blain A.W., Frayer D.T., Bock J.J., Scoville N.Z.), **313,** 559
1°- and 2°.5-scale interferometric surveys in the northern sky at 5 GHz (Giardino G., Asareh H., Melhuish S.J., Davies R.D., Davis R.J., Jones A.W.), **313,** 689
The Lyman α forest in a truncated hierarchical structure formation (Nusser A., Lahav O.), **313,** L39
The diversity of SCUBA-selected galaxies (Ivison R.J., Smail I., Barger A.J., Kneib J.-P., Blain A.W., Owen F.N., Kerr T.H., Cowie L.L.), **315,** 209
The WARPS survey – IV. The X-ray luminosity–temperature relation of high-redshift galaxy clusters (Fairley B.W., Jones L.R., Scharf C., Ebeling H., Perlman E., Horner D., Wegner G., Malkan M.), **315,** 669
An Australia Telescope survey for CMB anisotropies (Subrahmanyan R., Kesteven M.J., Ekers R.D., Sinclair M., Silk J.), **315,** 808
Bayesian 'hyper-parameters' approach to joint estimation: the Hubble constant from CMB measurements (Lahav O., Bridle S.L., Hobson M.P., Lasenby A.N., Sodré L., Jr), **315,** L45
Hyperluminous infrared galaxies (Rowan-Robinson M.), **316,** 885
On the intensity of the extragalactic X-ray background (Barcons X., Mateos S., Ceballos M.T.), **316,** L13
A measurement at the first acoustic peak of the cosmic microwave background with the 33-GHz interferometer (Harrison D.L., Rubiño-Martin J.A., Melhuish S.J., Watson R.A., Davies R.D., Rebolo R., Davis R.J., Gutiérrez C.M., Macias-Perez J.F.), **316,** L24
High spatial resolution observations of CUDSS14A: a SCUBA-selected ultraluminous galaxy at high redshift (Gear W.K., Lilly S.J., Stevens J.A., Clements D.L., Webb T.M., Eales S.A., Dunne L.), **316,** L51
The clustering of colour-selected galaxies (Brown M.J.I., Webster R.L., Boyle B.J.), **317,** 782
The 2dF QSO Redshift Survey – I. The optical luminosity function of quasi-stellar objects (Boyle B.J., Shanks T., Croom S.M., Smith R.J., Miller L., Loaring N., Heymans C.), **317,** 1014
Hubble Space Telescope imaging survey of sub-mJy star-forming galaxies – I. Morphologies at $z \sim 0.2$ (Serjeant S., Mobasher B., Gruppioni C., Oliver S.), **317,** L29
VLA 8.4-GHz monitoring observations of the CLASS gravitational lens B1933 + 503 (Biggs A.D., Xanthopoulos E., Browne I.W.A., Koopmans L.V.E., Fassnacht C.D.), **318,** 73
Significant effects of weak gravitational lensing on determinations of the cosmology from Type Ia supernovae (Barber A.J.), **318,** 195
Implications of 21-cm observations for damped Lyα systems (Chengalur J.N., Kanekar N.), **318,** 303
Starburst galaxies and structure in the submillimetre background towards the *Hubble Deep Field* (Peacock J.A., Rowan-Robinson M., Blain A.W., Dunlop J.S., Efstathiou A., Hughes D.H., Jenness T., Ivison R.J., Lawrence A., Longair M.S., Mann R.G., Oliver S.J., Serjeant S.), **318,** 535
Detection of weak gravitational lensing by large-scale structure (Bacon D.J., Refregier A.R., Ellis R.S.), **318,** 625
Galaxy clustering in the Herschel Deep Field (McCracken H.J., Shanks T., Metcalfe N., Fong R., Campos A.), **318,** 913
The redshift distribution of FIRST radio sources at 1 mJy (Magliocchetti M., Maddox S.J., Wall J.V., Benn C.R., Cotter G.), **318,** 1047
A search for the submillimetre counterparts to Lyman break galaxies (Chapman S.C., Scott D., Steidel C.C., Borys C., Halpern M., Morris S.L., Adelberger K.L., Dickinson M., Giavalisco M., Pettini M.), **319,** 318
A strategy for finding gravitationally lensed distant supernovae (Sullivan M., Ellis R., Nugent P., Smail I., Madau P.), **319,** 549
Intrinsic correlation of galaxy shapes: implications for weak lensing measurements (Heavens A., Refregier A., Heymans C.), **319,** 649
Morphological number counts and redshift distributions to $I = 25$ from the *Hubble Deep Fields*: constraints on cosmological models from early-type galaxies (Phillipps S., Driver S.P., Couch W.J., Fernandez-Soto A., Bristow P.D., Odewahn S.C., Windhorst R.A., Lanzetta K.), **319,** 807
A new quadruple gravitational lens system: CLASS B0128 + 437 (Phillips P.M., Norbury M.A., Koopmans L.V.E., Browne I.W.A., Jackson N.J., Wilkinson P.N., Biggs A.D., Blandford R.D., de Bruyn A.G., Fassnacht C.D., Helbig P., Mao S., Marlow D.R., Myers S.T., Pearson T.J., Readhead A.C.S., Rusin D., Xanthopoulos E.), **319,** L7

Cosmology: theory
Generalized cumulant correlators and hierarchical clustering (Munshi D., Melott A.L., Coles P.), **311,** 149
Scaling laws in gravitational clustering for counts-in-cells and mass functions (Valageas P., Lacey C., Schaeffer R.), **311,** 234
Joint cosmological formation of QSOs and bulge-dominated galaxies (Monaco P., Salucci P., Danese L.), **311,** 279
Inflationary constraints on cosmological field theory (Overduin J.M.), **311,** 357
Universal profile of dark matter haloes and the spherical infall model (Lokas E.L.), **311,** 423
Testing linear-theory predictions of galaxy formation (Sugerman B., Summers F.J., Kamionkowski M.), **311,** 762
Evolution of the cluster abundance in non-Gaussian models (Robinson J., Baker J.E.), **311,** 781
Phase information and the evolution of cosmological density perturbations (Chiang L.-Y., Coles P.), **311,** 809

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Constraints on the asymptotic baryon fractions of galaxy clusters at large radii (Wu X.-P., Xue Y.-J.), **311,** 825
Thermal and kinematic corrections to the microwave background polarization induced by galaxy clusters along the line of sight (Challinor A.D., Ford M.T., Lasenby A.N.), **312,** 159
Uncorrelated modes of the non-linear power spectrum (Hamilton A.J.S.), **312,** 257
Decorrelating the power spectrum of galaxies (Hamilton A.J.S., Tegmark M.), **312,** 285
Perturbations in a coupled scalar field cosmology (Amendola L.), **312,** 521
COBE and global topology: an example of the application of the identified circles principle (Roukema B.F.), **312,** 712
Constraints on structure formation models from the Sunyaev–Zel'dovich effect (Majumdar S., Subrahmanyan R.), **312,** 724
Is the radiation temperature–redshift relation of the standard cosmology in accordance with the data? (Lima J.A.S., Silva A.I., Viegas S.M.), **312,** 747
Merging history trees for dark matter haloes: tests of the Merging Cell Model in a CDM cosmology (Lanzoni B., Mamon G.A., Guiderdoni B.), **312,** 781
Large-scale structure, the cosmic microwave background and primordial non-Gaussianity (Verde L., Wang L., Heavens A.F., Kamionkowski M.), **313,** 141
Weak lensing from strong clustering (Munshi D., Coles P.), **313,** 148
Peculiar velocities of galaxy clusters (Colberg J.M., White S.D.M., MacFarland T.J., Jenkins A., Pearce F.R., Frenk C.S., Thomas P.A., Couchman H.M.P.), **313,** 229
The formation of the Hubble sequence of disc galaxies: the effects of early viscous evolution (Zhang B., Wyse R.F.G.), **313,** 310
Cosmic microwave background bispectrum and slow-roll inflation (Gangui A., Martin J.), **313,** 323
A preferred-direction statistic for sky maps (Bunn E.F., Scott D.), **313,** 331
The amplitude of mass density fluctuations at $z \approx 3.25$ from the Lyα forest of Q1422 + 231 (Nusser A., Haehnelt M.), **313,** 364
Cluster versus POTENT density and velocity fields: cluster biasing and Ω (Branchini E., Zehavi I., Plionis M., Dekel A.), **313,** 491
On the least action principle in cosmology (Nusser A., Branchini E.), **313,** 587
The Lyman α forest in a truncated hierarchical structure formation (Nusser A., Lahav O.), **313,** L39
Distribution of caustic-crossing intervals for Galactic binary-lens microlensing events (Han C., Park S.-H., Lee Y.-S.), **314,** 59
Evolution of the cosmological density distribution function (Taylor A.N., Watts P.I.R.), **314,** 92
A parallel TreeSPH code for galaxy formation (Lia C., Carraro G.), **314,** 145
Non-GUT baryogenesis and large-scale structure of the Universe (Kirilova D.P., Chizhov M.V.), **314,** 256
Non-linear density evolution from an improved spherical collapse model (Engineer S., Kanekar N., Padmanabhan T.), **314,** 279
Effects of cluster galaxies on arc statistics (Meneghetti M., Bolzonella M., Bartelmann M., Moscardini L., Tormen G.), **314,** 338
The cloud-in-cloud problem for non-Gaussian density fields (Avelino P.P., Viana P.T.P.), **314,** 354
The observed evolution of galaxy clustering versus epoch-dependent biasing models (Magliocchetti M., Bagla J.S., Maddox S.J., Lahav O.), **314,** 546
Inhomogeneous reionization of the intergalactic medium regulated by radiative and stellar feedbacks (Ciardi B., Ferrara A., Governato F., Jenkins A.), **314,** 611
The correlation function of X-ray galaxy clusters in the *ROSAT* All-Sky Survey 1 Bright Sample (Moscardini L., Matarrese S., De Grandi S., Lucchin F.), **314,** 647
Disc galaxy evolution models in a hierarchical formation scenario: structure and dynamics (Firmani C., Avila-Reese V.), **315,** 457
Broadening of QSO Lyα forest absorbers (Theuns T., Schaye J., Haehnelt M.G.), **315,** 600
Hierarchical clustering and the baryon distribution in galaxy clusters (Tittley E.R., Couchman H.M.P.), **315,** 834
Radiation–hydrodynamical collapse of pre-galactic clouds in the ultraviolet background (Kitayama T., Tajiri Y., Umemura M., Susa H., Ikeuchi S.), **315,** L1
The cosmological dependence of galactic specific angular momenta (Eke V., Efstathiou G., Wright L.), **315,** L18
Evidence of self-interacting cold dark matter from galactic to galaxy cluster scales (Firmani C., D'Onghia E., Avila-Reese V., Chincarini G., Hernández X.), **315,** L29
Zero-metallicity stellar sources and the reionization epoch (Cojazzi P., Bressan A., Lucchin F., Pantano O., Chavez M.), **315,** L51
Predicting the clustering of X-ray selected galaxy clusters in flux-limited surveys (Moscardini L., Matarrese S., Lucchin F., Rosati P.), **316,** 283
Parameter tests within cosmological simulations of galaxy formation (Kay S.T., Pearce F.R., Jenkins A., Frenk C.S., White S.D.M., Thomas P.A., Couchman H.M.P.), **316,** 374
Reconstructing cosmic peculiar velocities from the mildly non-linear density field (Kudlicki A., Chodorowski M., Plewa T., Różyczka M.), **316,** 464
Evaluating approximations for halo merging histories (Somerville R.S., Lemson G., Kolatt T.S., Dekel A.), **316,** 479
Cold dark matter models with a step-like initial power spectrum (Gramann M., Hütsi G.), **316,** 631
Can the Universe escape eternal acceleration? (Barrow J.D., Bean R., Magueijo J.), **316,** L41
Gravitational lensing effects on high-redshift Type II supernova studies with the *Next Generation Space Telescope* (Marri S., Ferrara A., Pozzetti L.), **317,** 265
Gravitational wave signals from the collapse of the first stars (Schneider R., Ferrara A., Ciardi B., Ferrari V., Matarrese S.), **317,** 385
On the effects of resolution in dissipationless cosmological simulations (Knebe A., Kravtsov A.V., Gottlöber S., Klypin A.A.), **317,** 630
Generalized inflation with a gravitational wave background (Lukash V.N., Mikheeva E.V., Müller V., Malinovsky A.M.), **317,** 795
A critical-density closed universe in Brans–Dicke theory (del Campo S., Cruz N.), **317,** 825
The spherical infall model in a cosmological background density field (Taruya A., Soda J.), **317,** 873
Constraining the cosmic equation of state from old galaxies at high redshift (Lima J.A.S., Alcaniz J.S.), **317,** 893
Analytic solutions for coupled linear perturbations (Nusser A.), **317,** 902
A wavelet analysis of the spectra of quasi-stellar objects (Theuns T., Zaroubi S.), **317,** 989
Linear redshift distortions and power in the *IRAS* Point Source Catalog Redshift Survey (Hamilton A.J.S., Tegmark M., Padmanabhan N.), **317,** L23
The statistics of weak lensing at small angular scales: probability distribution function (Munshi D., Jain B.), **318,** 109
Probing the gravity-induced bias with weak lensing: test of analytical results against simulations (Munshi D.), **318,** 145
The Tully–Fisher relation and its implications for the halo density profile and self-interacting dark matter (Mo H.J., Mao S.), **318,** 163
Analytic model for galaxy and dark matter clustering (Seljak U.), **318,** 203
An analytic model for the epoch of halo creation (Percival W.J., Miller L., Peacock J.A.), **318,** 273
The non-Gaussian tail of cosmic-shear statistics (Kruse G., Schneider P.), **318,** 321
The cluster abundance in cosmic string models for structure formation (Avelino P.P., Wu J.H.P., Shellard E.P.S.), **318,** 329
Comparing the redshift-space density field with the real-space velocity field (Chodorowski M.J.), **318,** 375
Microwave background anisotropies arising from non-linear structures in open and Λ universes (Dabrowski Y., Hall M.J., Sawicki I.L., Lasenby A.N.), **318,** 393

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Projected bispectrum in spherical harmonics and its application to angular galaxy catalogues (Verde L., Heavens A.F., Matarrese S.), **318,** 584
Statistical characteristics of simulated walls (Demiański M., Doroshkevich A.G., Müller V., Turchaninov V.), **318,** 665
The one-point PDF of the initial conditions of our local Universe from the *IRAS* PSC redshift catalogue (Monaco P., Efstathiou G., Maddox S.J., Branchini E., Frenk C.S., McMahon R.G., Oliver S.J., Rowan-Robinson M., Saunders W., Sutherland W.J., Tadros H., White S.D.M.), **318,** 681
Cosmic microwave background anisotropies resulting from feedback-regulated inhomogeneous reionization (Bruscoli M., Ferrara A., Fabbri R., Ciardi B.), **318,** 1068
Halo occupation numbers and galaxy bias (Peacock J.A., Smith R.E.), **318,** 1144
Large-scale cosmic homogeneity from a multifractal analysis of the PSCz catalogue (Pan J., Coles P.), **318,** L51
Clustering of galaxy clusters in cold dark matter universes (Colberg J.M., White S.D.M., Yoshida N., MacFarland T.J., Jenkins A., Frenk C.S., Pearce F.R., Evrard A.E., Couchman H.M.P., Efstathiou G., Peacock J.A., Thomas P.A. (The Virgo Consortium)), **319,** 209
Mixing metals in the early Universe (Ferrara A., Pettini M., Shchekinov Y.), **319,** 539
Smoothed Particle Hydrodynamics in cosmology: a comparative study of implementations (Thacker R.J., Tittley E.R., Pearce F.R., Couchman H.M.P., Thomas P.A.), **319,** 619
Self-similar collapse of collisional gas in an expanding universe (Chuzhoy L., Nusser A.), **319,** 797
The statistics of wide-separation lensed quasars (Mortlock D.J., Webster R.L.), **319,** 872
Reconstructing the *IRAS* Point Source Catalog Redshift Survey with a generalized PIZA (Valentine H., Saunders W., Taylor A.), **319,** L13

Dark matter
Joint cosmological formation of QSOs and bulge-dominated galaxies (Monaco P., Salucci P., Danese L.), **311,** 279
The extended rotation curve and the dark matter halo of M33 (Corbelli E., Salucci P.), **311,** 441
Testing linear-theory predictions of galaxy formation (Sugerman B., Summers F.J., Kamionkowski M.), **311,** 762
Time of explosive decay of a daemon-containing nucleus (Drobyshevski E.M.), **311,** L1
On the interaction between cosmic rays and dark matter molecular clouds in the Milky Way – I. Basic considerations (Sciama D.W.), **312,** 33
Merging history trees for dark matter haloes: tests of the Merging Cell Model in a CDM cosmology (Lanzoni B., Mamon G.A., Guiderdoni B.), **312,** 781
On the baseline flux determination of microlensing events detectable with the difference image analysis method (Han C.), **312,** 807
Deep galaxy counts, extragalactic background light and the stellar baryon budget (Madau P., Pozzetti L.), **312,** L9
Constraints on the mass and abundance of black holes in the Galactic halo: the high-mass limit (Murali C., Arras P., Wasserman I.), **313,** 87
The local density of matter mapped by *Hipparcos* (Holmberg J., Flynn C.), **313,** 209
Peculiar velocities of galaxy clusters (Colberg J.M., White S.D.M., MacFarland T.J., Jenkins A., Pearce F.R., Frenk C.S., Thomas P.A., Couchman H.M.P.), **313,** 229
The role of stellar feedback and dark matter in the evolution of dwarf galaxies (Ferrara A., Tolstoy E.), **313,** 291
The formation of the Hubble sequence of disc galaxies: the effects of early viscous evolution (Zhang B., Wyse R.F.G.), **313,** 310
The amplitude of mass density fluctuations at $z \approx 3.25$ from the Lyα forest of Q1422 + 231 (Nusser A., Haehnelt M.), **313,** 364
Noise properties of gravitational lens mass reconstruction (Van Waerbeke L.), **313,** 524
On the least action principle in cosmology (Nusser A., Branchini E.), **313,** 587
The fundamental plane of elliptical galaxies with modified Newtonian dynamics (Sanders R.H.), **313,** 767
The Lyman α forest in a truncated hierarchical structure formation (Nusser A., Lahav O.), **313,** L39
Distribution of caustic-crossing intervals for Galactic binary-lens microlensing events (Han C., Park S.-H., Lee Y.-S.), **314,** 59
Non-linear density evolution from an improved spherical collapse model (Engineer S., Kanekar N., Padmanabhan T.), **314,** 279
Effects of cluster galaxies on arc statistics (Meneghetti M., Bolzonella M., Bartelmann M., Moscardini L., Tormen G.), **314,** 338
Disc galaxy evolution models in a hierarchical formation scenario: structure and dynamics (Firmani C., Avila-Reese V.), **315,** 457
Hierarchical clustering and the baryon distribution in galaxy clusters (Tittley E.R., Couchman H.M.P.), **315,** 834
The cosmological dependence of galactic specific angular momenta (Eke V., Efstathiou G., Wright L.), **315,** L18
Evidence of self-interacting cold dark matter from galactic to galaxy cluster scales (Firmani C., D'Onghia E., Avila-Reese V., Chincarini G., Hernández X.), **315,** L29
Predicting the clustering of X-ray selected galaxy clusters in flux-limited surveys (Moscardini L., Matarrese S., Lucchin F., Rosati P.), **316,** 283
A combined analysis of cluster mass estimates from strong lensing, X-ray measurement and the universal density profile (Wu X.-P.), **316,** 299
Reconstructing cosmic peculiar velocities from the mildly non-linear density field (Kudlicki A., Chodorowski M., Plewa T., Różyczka M.), **316,** 464
Evaluating approximations for halo merging histories (Somerville R.S., Lemson G., Kolatt T.S., Dekel A.), **316,** 479
Cold dark matter models with a step-like initial power spectrum (Gramann M., Hütsi G.), **316,** 631
Gravitational lensing effects on high-redshift Type II supernova studies with the *Next Generation Space Telescope* (Marri S., Ferrara A., Pozzetti L.), **317,** 265
Generalized inflation with a gravitational wave background (Lukash V.N., Mikheeva E.V., Müller V., Malinovsky A.M.), **317,** 795
Constraining the cosmic equation of state from old galaxies at high redshift (Lima J.A.S., Alcaniz J.S.), **317,** 893
Analytic solutions for coupled linear perturbations (Nusser A.), **317,** 902
The Tully–Fisher relation and its implications for the halo density profile and self-interacting dark matter (Mo H.J., Mao S.), **318,** 163
Analytic model for galaxy and dark matter clustering (Seljak U.), **318,** 203
BeppoSAX–ROSAT PSPC observations of the Shapley supercluster: A3562 (Ettori S., Bardelli S., De Grandi S., Molendi S., Zamorani G., Zucca E.), **318,** 239
An analytic model for the epoch of halo creation (Percival W.J., Miller L., Peacock J.A.), **318,** 273
Voids in the Las Campanas Redshift Survey versus cold dark matter models (Müller V., Arbabi-Bidgoli S., Einasto J., Tucker D.), **318,** 280
The non-Gaussian tail of cosmic-shear statistics (Kruse G., Schneider P.), **318,** 321
Comparing the redshift-space density field with the real-space velocity field (Chodorowski M.J.), **318,** 375
Statistical characteristics of simulated walls (Demiański M., Doroshkevich A.G., Müller V., Turchaninov V.), **318,** 665
Triaxial haloes and particle dark matter detection (Evans N.W., Carollo C.M., de Zeeuw P.T.), **318,** 1131
Clustering of galaxy clusters in cold dark matter universes (Colberg J.M., White S.D.M., Yoshida N., MacFarland T.J., Jenkins A., Frenk C.S., Pearce F.R., Evrard A.E., Couchman H.M.P., Efstathiou G., Peacock J.A., Thomas P.A. (The Virgo Consortium)), **319,** 209
Self-similar collapse of collisional gas in an expanding universe (Chuzhoy L., Nusser A.), **319,** 797
On the interaction between cosmic rays and dark matter molecular clouds in the Milky Way – II. The age distribution of cosmic ray electrons (Sciama D.W.), **319,** 1001

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Diffuse radiation
The contribution of unresolved radio-loud AGN to the extragalactic diffuse gamma-ray background (Mücke A., Pohl M.), **312,** 177
Deep galaxy counts, extragalactic background light and the stellar baryon budget (Madau P., Pozzetti L.), **312,** L9
Radiation–hydrodynamical collapse of pre-galactic clouds in the ultraviolet background (Kitayama T., Tajiri Y., Umemura M., Susa H., Ikeuchi S.), **315,** L1
On the intensity of the extragalactic X-ray background (Barcons X., Mateos S., Ceballos M.T.), **316,** L13

Distance scale
H II galaxies as deep cosmological probes (Melnick J., Terlevich R., Terlevich E.), **311,** 629
Galaxy clusters: oblate or prolate? (Cooray A.R.), **313,** 783
The absolute infrared magnitudes of type Ia supernovae (Meikle W.P.S.), **314,** 782
On the existence of differences in luminosity between horizontal branch stars in globular clusters and in the field (Carretta E., Gratton R.G., Clementini G.), **316,** 721
Pulsational M_V versus [Fe/H] relation(s) for globular cluster RR Lyrae variables (Caputo F., Castellani V., Marconi M., Ripepi V.), **316,** 819
Constraining the cosmic equation of state from old galaxies at high redshift (Lima J.A.S., Alcaniz J.S.), **317,** 893

Early Universe
Inflationary constraints on cosmological field theory (Overduin J.M.), **311,** 357
Cosmic microwave background bispectrum and slow-roll inflation (Gangui A., Martin J.), **313,** 323
The diversity of SCUBA-selected galaxies (Ivison R.J., Smail I., Barger A.J., Kneib J.-P., Blain A.W., Owen F.N., Kerr T.H., Cowie L.L.), **315,** 209
The ortho:para H_2 ratio in the primordial gas (Flower D.R., Pineau des Forêts G.), **316,** 901
HD in the primordial gas (Flower D.R.), **318,** 875
LiH formation by radiative association in $Li^+ + H^-$ collisions (Dickinson A.S., Gadéa F.X.), **318,** 1227

Gravitational lensing
NICMOS images of JVAS/CLASS gravitational lens systems (Jackson N., Xanthopoulos E., Browne I.W.A.), **311,** 389
On the magnification relations in quadruple lenses: a moment approach (Witt H.J., Mao S.), **311,** 689
On the baseline flux determination of microlensing events detectable with the difference image analysis method (Han C.), **312,** 807
The KX method for producing *K*-band flux-limited samples of quasars (Warren S.J., Hewett P.C., Foltz C.B.), **312,** 827
The distribution of microlensed light-curve derivatives: the relationship between stellar proper motions and transverse velocity (Wyithe J.S.B., Webster R.L., Turner E.L.), **312,** 843
Weak lensing from strong clustering (Munshi D., Coles P.), **313,** 148
Noise properties of gravitational lens mass reconstruction (Van Waerbeke L.), **313,** 524
Distribution of caustic-crossing intervals for Galactic binary-lens microlensing events (Han C., Park S.-H., Lee Y.-S.), **314,** 59
Effects of cluster galaxies on arc statistics (Meneghetti M., Bolzonella M., Bartelmann M., Moscardini L., Tormen G.), **314,** 338
Limits on the microlens mass function of Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L.), **315,** 51
A gravitational microlensing determination of continuum source size in Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L., Mortlock D.J.), **315,** 62
The rate of caustic crossing microlensing events for Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L.), **315,** 337
Chromaticity of gravitational microlensing events (Han C., Park S.-H., Jeong J.-H.), **316,** 97
A combined analysis of cluster mass estimates from strong lensing, X-ray measurement and the universal density profile (Wu X.-P.), **316,** 299
Detection of stellar spots from the observations of caustic-crossing binary-lens gravitational microlensing events (Han C., Park S.-H., Kim H.-I., Chang K.), **316,** 665
Gravitational lensing effects on high-redshift Type II supernova studies with the *Next Generation Space Telescope* (Marri S., Ferrara A., Pozzetti L.), **317,** 265
VLA 8.4-GHz monitoring observations of the CLASS gravitational lens B1933 + 503 (Biggs A.D., Xanthopoulos E., Browne I.W.A., Koopmans L.V.E., Fassnacht C.D.), **318,** 73
The statistics of weak lensing at small angular scales: probability distribution function (Munshi D., Jain B.), **318,** 109
Probing the gravity-induced bias with weak lensing: test of analytical results against simulations (Munshi D.), **318,** 145
Significant effects of weak gravitational lensing on determinations of the cosmology from Type Ia supernovae (Barber A.J.), **318,** 195
The non-Gaussian tail of cosmic-shear statistics (Kruse G., Schneider P.), **318,** 321
Microwave background anisotropies arising from non-linear structures in open and Λ universes (Dabrowski Y., Hall M.J., Sawicki I.L., Lasenby A.N.), **318,** 393
Infrared observations of gravitational lensing in Abell 2219 with CIRSI (Gray M.E., Ellis R.S., Refregier A., Bézecourt J., McMahon R.G., Beckett M.G., Mackay C.D., Hoenig M.D.), **318,** 573
Detection of weak gravitational lensing by large-scale structure (Bacon D.J., Refregier A.R., Ellis R.S.), **318,** 625
A small source in Q2237 + 0305? (Wyithe J.S.B., Webster R.L., Turner E.L.), **318,** 762
Predicting caustic-crossing high-magnification events in Q2237 + 0305 (Wyithe J.S.B., Webster R.L., Turner E.L., Agol E.), **318,** 1105
Interpretation of the OGLE Q2237 + 0305 microlensing light curve (1997–1999) (Wyithe J.S.B., Webster R.L., Turner E.L.), **318,** 1120
Weak gravitational lensing in different cosmologies, using an algorithm for shear in three dimensions (Barber A.J., Thomas P.A., Couchman H.M.P., Fluke C.J.), **319,** 267
A strategy for finding gravitationally lensed distant supernovae (Sullivan M., Ellis R., Nugent P., Smail I., Madau P.), **319,** 549
Intrinsic correlation of galaxy shapes: implications for weak lensing measurements (Heavens A., Refregier A., Heymans C.), **319,** 649
Gravitational lensing by elliptical galaxies (Mortlock D.J., Webster R.L.), **319,** 860
The statistics of wide-separation lensed quasars (Mortlock D.J., Webster R.L.), **319,** 872
Using galaxy redshift surveys to detect gravitationally lensed quasars (Mortlock D.J., Webster R.L.), **319,** 879
The effects of resolved sources and blending on the detection of planets via gravitational microlensing (Vermaak P.), **319,** 1011
Gravitational microlensing of gamma-ray bursts at medium optical depth (Wyithe J.S.B., Turner E.L.), **319,** 1163
A new quadruple gravitational lens system: CLASS B0128 + 437 (Phillips P.M., Norbury M.A., Koopmans L.V.E., Browne I.W.A., Jackson N.J., Wilkinson P.N., Biggs A.D., Blandford R.D., de Bruyn A.G., Fassnacht C.D., Helbig P., Mao S., Marlow D.R., Myers S.T., Pearson T.J., Readhead A.C.S., Rusin D., Xanthopoulos E.), **319,** L7

Large-scale structure of Universe
Generalized cumulant correlators and hierarchical clustering (Munshi D., Melott A.L., Coles P.), **311,** 149
Scaling laws in gravitational clustering for counts-in-cells and mass functions (Valageas P., Lacey C., Schaeffer R.), **311,** 234
Joint cosmological formation of QSOs and bulge-dominated galaxies (Monaco P., Salucci P., Danese L.), **311,** 279
Universal profile of dark matter haloes and the spherical infall model (Łokas E.L.), **311,** 423
Large-scale structure in the Lyman-α forest – II. Analysis of a group of 10 QSOs (Liske J., Webb J.K., Williger G.M., Fernández-Soto A., Carswell R.F.), **311,** 657
Testing linear-theory predictions of galaxy formation (Sugerman B., Summers F.J., Kamionkowski M.), **311,** 762
Evolution of the cluster abundance in non-Gaussian models (Robinson J., Baker J.E.), **311,** 781

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The nature of galaxy bias and clustering (Benson A.J., Cole S., Frenk C.S., Baugh C.M., Lacey C.G.), **311,** 793
Phase information and the evolution of cosmological density perturbations (Chiang L.-Y., Coles P.), **311,** 809
The supergalactic plane revisited with the Optical Redshift Survey (Lahav O., Santiago B.X., Webster A.M., Strauss M.A., Davis M., Dressler A., Huchra J.P.), **312,** 166
Uncorrelated modes of the non-linear power spectrum (Hamilton A.J.S.), **312,** 257
Decorrelating the power spectrum of galaxies (Hamilton A.J.S., Tegmark M.), **312,** 285
On the CCD calibration of Zwicky galaxy magnitudes and the properties of nearby field galaxies (Gaztañaga E., Dalton G.B.), **312,** 417
A study of the core of the Shapley Concentration – IV. Distribution of intercluster galaxies and supercluster properties (Bardelli S., Zucca E., Zamorani G., Moscardini L., Scaramella R.), **312,** 540
Topology and geometry of the CfA2 redshift survey (Schmalzing J., Diaferio A.), **312,** 638
Inverting the angular correlation function (Dodelson S., Gaztañaga E.), **312,** 774
Galaxy and cluster biasing from Local Group dynamics (Plionis M., Basilakos S., Rowan-Robinson M., Maddox S.J., Oliver S.J., Keeble O., Saunders W.), **313,** 8
Large-scale structure, the cosmic microwave background and primordial non-Gaussianity (Verde L., Wang L., Heavens A.F., Kamionkowski M.), **313,** 141
Weak lensing from strong clustering (Munshi D., Coles P.), **313,** 148
Peculiar velocities of galaxy clusters (Colberg J.M., White S.D.M., MacFarland T.J., Jenkins A., Pearce F.R., Frenk C.S., Thomas P.A., Couchman H.M.P.), **313,** 229
Cosmic microwave background bispectrum and slow-roll inflation (Gangui A., Martin J.), **313,** 323
A preferred-direction statistic for sky maps (Bunn E.F., Scott D.), **313,** 331
The amplitude of mass density fluctuations at $z \approx 3.25$ from the Lyα forest of Q1422 + 231 (Nusser A., Haehnelt M.), **313,** 364
Detection of the first X-ray selected large AGN group (Tesch F., Engels D.), **313,** 377
Streaming motions of galaxy clusters within 12 000 km s^{-1} – I. New spectroscopic data (Smith R.J., Lucey J.R., Hudson M.J., Schlegel D.J., Davies R.L.), **313,** 469
Cluster versus POTENT density and velocity fields: cluster biasing and Ω (Branchini E., Zehavi I., Plionis M., Dekel A.), **313,** 491
A case devoid of bias: Optical Redshift Survey voids versus *IRAS* voids (El-Ad H., Piran T.), **313,** 553
On the least action principle in cosmology (Nusser A., Branchini E.), **313,** 587
Experimental cosmic statistics – I. Variance (Colombi S., Szapudi I., Jenkins A., Colberg J.), **313,** 711
Experimental cosmic statistics – II. Distribution (Szapudi I., Colombi S., Jenkins A., Colberg J.), **313,** 725
The Lyman α forest in a truncated hierarchical structure formation (Nusser A., Lahav O.), **313,** L39
Effects of inflationary bubbles on the polarization and temperature anisotropies of the cosmic microwave background (Baccigalupi C., Perrotta F.), **314,** 1
Evolution of the cosmological density distribution function (Taylor A.N., Watts P.I.R.), **314,** 92
Non-GUT baryogenesis and large-scale structure of the Universe (Kirilova D.P., Chizhov M.V.), **314,** 256
Non-linear density evolution from an improved spherical collapse model (Engineer S., Kanekar N., Padmanabhan T.), **314,** 279
The *IRAS* PSCz dipole (Rowan-Robinson M., Sharpe J., Oliver S.J., Keeble O., Canavezes A., Saunders W., Taylor A.N., Valentine H., Frenk C.S., Efstathiou G.P., McMahon R.G., White S.D.M., Sutherland W., Tadros H., Maddox S.), **314,** 375
The observed evolution of galaxy clustering versus epoch-dependent biasing models (Magliocchetti M., Bagla J.S., Maddox S.J., Lahav O.), **314,** 546
The correlation function of X-ray galaxy clusters in the *ROSAT* All-Sky Survey 1 Bright Sample (Moscardini L., Matarrese S., De Grandi S., Lucchin F.), **314,** 647
Temperature correlations in a compact hyperbolic universe (Inoue K.T., Tomita K., Sugiyama N.), **314,** L21
Broadening of QSO Lyα forest absorbers (Theuns T., Schaye J., Haehnelt M.G.), **315,** 600
Superlarge-scale structure in the Durham/UKST Galaxy Redshift Survey (Doroshkevich A.G., Fong R., McCracken H.J., Ratcliffe A., Shanks T., Turchaninov V.I.), **315,** 767
The dependence of velocity and clustering statistics on galaxy properties (Benson A.J., Baugh C.M., Cole S., Frenk C.S., Lacey C.G.), **316,** 107
Predicting the clustering of X-ray selected galaxy clusters in flux-limited surveys (Moscardini L., Matarrese S., Lucchin F., Rosati P.), **316,** 283
Large-scale structure of galaxies in the Ophiuchus region (Hasegawa T., Wakamatsu K., Malkan M., Sekiguchi K., Menzies J.W., Parker Q.A., Jugaku J., Karoji H., Okamura S.), **316,** 326
Reconstructing cosmic peculiar velocities from the mildly non-linear density field (Kudlicki A., Chodorowski M., Plewa T., Różyczka M.), **316,** 464
A ROBUST method for fitting peculiar velocity field models (Rauzy S., Hendry M.A.), **316,** 621
Cold dark matter models with a step-like initial power spectrum (Gramann M., Hütsi G.), **316,** 631
The apparent and intrinsic shape of the APM galaxy clusters (Basilakos S., Plionis M., Maddox S.J.), **316,** 779
A measurement at the first acoustic peak of the cosmic microwave background with the 33-GHz interferometer (Harrison D.L., Rubiño-Martin J.A., Melhuish S.J., Watson R.A., Davies R.D., Rebolo R., Davis R.J., Gutiérrez C.M., Macias-Perez J.F.), **316,** L24
The PSCz catalogue (Saunders W., Sutherland W.J., Maddox S.J., Keeble O., Oliver S.J., Rowan-Robinson M., McMahon R.G., Efstathiou G.P., Tadros H., White S.D.M., Frenk C.S., Carramiñana A., Hawkins M.R.S.), **317,** 55
The clustering of colour-selected galaxies (Brown M.J.I., Webster R.L., Boyle B.J.), **317,** 782
Generalized inflation with a gravitational wave background (Lukash V.N., Mikheeva E.V., Müller V., Malinovsky A.M.), **317,** 795
The spherical infall model in a cosmological background density field (Taruya A., Soda J.), **317,** 873
A wavelet analysis of the spectra of quasi-stellar objects (Theuns T., Zaroubi S.), **317,** 989
Linear redshift distortions and power in the *IRAS* Point Source Catalog Redshift Survey (Hamilton A.J.S., Tegmark M., Padmanabhan N.), **317,** L23
Higher order clustering in the Durham/UKST and Stromlo–APM Galaxy Redshift Surveys (Hoyle F., Szapudi I., Baugh C.M.), **317,** L51
The statistics of weak lensing at small angular scales: probability distribution function (Munshi D., Jain B.), **318,** 109
Probing the gravity-induced bias with weak lensing: test of analytical results against simulations (Munshi D.), **318,** 145
Significant effects of weak gravitational lensing on determinations of the cosmology from Type Ia supernovae (Barber A.J.), **318,** 195
Voids in the Las Campanas Redshift Survey versus cold dark matter models (Müller V., Arbabi-Bidgoli S., Einasto J., Tucker D.), **318,** 280
The cluster abundance in cosmic string models for structure formation (Avelino P.P., Wu J.H.P., Shellard E.P.S.), **318,** 329
Comparing the redshift-space density field with the real-space velocity field (Chodorowski M.J.), **318,** 375
Projected bispectrum in spherical harmonics and its application to angular galaxy catalogues (Verde L., Heavens A.F., Matarrese S.), **318,** 584
Detection of weak gravitational lensing by large-scale structure (Bacon D.J., Refregier A.R., Ellis R.S.), **318,** 625
Statistical characteristics of simulated walls (Demiański M., Doroshkevich A.G., Müller V., Turchaninov V.), **318,** 665

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The one-point PDF of the initial conditions of our local Universe from the *IRAS* PSC redshift catalogue (Monaco P., Efstathiou G., Maddox S.J., Branchini E., Frenk C.S., McMahon R.G., Oliver S.J., Rowan-Robinson M., Saunders W., Sutherland W.J., Tadros H., White S.D.M.), **318,** 681
Galaxy clustering in the Herschel Deep Field (McCracken H.J., Shanks T., Metcalfe N., Fong R., Campos A.), **318,** 913
The angular correlation function of the *ROSAT* All-Sky Survey Bright Source Catalogue (Akylas A., Georgantopoulos I., Plionis M.), **318,** 1036
Halo occupation numbers and galaxy bias (Peacock J.A., Smith R.E.), **318,** 1144
Redshift distribution of Lyα lines and metal systems (Demiański M., Doroshkevich A.G., Turchaninov V.), **318,** 1177
Properties of the observed Lyα forest (Demiański M., Doroshkevich A.G., Turchaninov V.), **318,** 1189
Two ways of biasing galaxy formation (Catelan P., Porciani C., Kamionkowski M.), **318,** L39
The luminosity dependence of clustering and higher order correlations in the PSCz survey (Szapudi I., Branchini E., Frenk C.S., Maddox S., Saunders W.), **318,** L45
Large-scale cosmic homogeneity from a multifractal analysis of the PSCz catalogue (Pan J., Coles P.), **318,** L51
Weak gravitational lensing in different cosmologies, using an algorithm for shear in three dimensions (Barber A.J., Thomas P.A., Couchman H.M.P., Fluke C.J.), **319,** 267
Cosmic momentum field and mass fluctuation power spectrum (Park C.), **319,** 573
The alignment of clusters using large-scale simulations (Onuora L.I., Thomas P.A.), **319,** 614
Self-similar collapse of collisional gas in an expanding universe (Chuzhoy L., Nusser A.), **319,** 797
The *ROSAT*–ESO Flux-Limited X-ray (REFLEX) galaxy cluster survey – II. The spatial correlation function (Collins C.A., Guzzo L., Böhringer H., Schuecker P., Chincarini G., Cruddace R., De Grandi S., MacGillivray H.T., Neumann D.M., Schindler S., Shaver P., Voges W.), **319,** 939
Reconstructing the *IRAS* Point Source Catalog Redshift Survey with a generalized PIZA (Valentine H., Saunders W., Taylor A.), **319,** L13

Sources as a function of wavelength

Gamma-rays: bursts

Gamma-ray bursts and the history of star formation (Blain A.W., Natarajan P.), **312,** L35
Constraints on the emission mechanisms of gamma-ray bursts (Ghisellini G., Celotti A., Lazzati D.), **313,** L1
Spectral evolution of the peculiar Ic Supernova 1998bw (Stathakis R.A., Boyle B.J., Jones D.H., Bessell M.S., Galama T.J., Germany L.M., Hartley M., James D.M., Kouveliotou C., Lewis I.J., Parker Q.A., Russell K.S., Sadler E.M., Tinney C.G., van Paradijs J., Vreeswijk P.M.), **314,** 807
Acceleration time-scale in an ultrarelativistic shock (Bednarz J.), **315,** L37
A method for detecting gravitational waves coincident with gamma-ray bursts (Murphy M.T., Webb J.K., Heng I.S.), **316,** 657
Quasars: a supermassive rotating toroidal black hole interpretation (Spivey R.J.), **316,** 856
On the optical light curves of afterglows from jetted gamma-ray burst ejecta: effects of parameters (Huang Y.F., Dai Z.G., Lu T.), **316,** 943
Compton dragged gamma-ray bursts: the spectrum (Ghisellini G., Lazzati D., Celotti A., Rees M.J.), **316,** L45
A possible explanation for the radio afterglow of GRB 980519: the dense medium effect (Wang X.Y., Dai Z.G., Lu T.), **317,** 170
Newtonian hydrodynamics of the coalescence of black holes with neutron stars – III. Irrotational binaries with a stiff equation of state (Lee W.H.), **318,** 606
The γ-ray burst phenomenon treated as the collapse of a QED magnetized vacuum bubble: analogy with sonoluminescence (Gnedin Yu.N., Kiikov S.O.), **318,** 1277
Intrinsic parameters of GRB 990123 from its prompt optical flash and afterglow (Wang X.Y., Dai Z.G., Lu T.), **319,** 1159
Gravitational microlensing of gamma-ray bursts at medium optical depth (Wyithe J.S.B., Turner E.L.), **319,** 1163

Gamma-rays: observations

On the interaction between cosmic rays and dark matter molecular clouds in the Milky Way – I. Basic considerations (Sciama D.W.), **312,** 33
Very-high-energy gamma radiation associated with the unshocked wind of the Crab pulsar (Bogovalov S.V., Aharonian F.A.), **313,** 504
Spectral features in gamma-rays expected from millisecond pulsars (Bulik T., Rudak B., Dyks J.), **317,** 97
Galactic 1.275-MeV emission from ONe novae and its detectability by *INTEGRAL*/SPI (Jean P., Hernanz M., Gómez-Gomar J., José J.), **319,** 350
Model of peak separation in the gamma light curve of the Vela pulsar (Dyks J., Rudak B.), **319,** 477

Gamma-rays: theory

A new mechanism for pulsar gamma-ray emission (Machabeli G.Z., Luo Q., Melrose D.B., Vladimirov S.), **312,** 51
The contribution of unresolved radio-loud AGN to the extragalactic diffuse gamma-ray background (Mücke A., Pohl M.), **312,** 177
Thermal synchrotron radiation and its Comptonization in compact X-ray sources (Wardziński G., Zdziarski A.A.), **314,** 183
Spectral features in gamma-rays expected from millisecond pulsars (Bulik T., Rudak B., Dyks J.), **317,** 97
Model of peak separation in the gamma light curve of the Vela pulsar (Dyks J., Rudak B.), **319,** 477

Infrared: galaxies

Three quasars from a survey of strong 25-μm emitters (Wolstencroft R.D., Parker Q.A., Lonsdale C.J., Scarrott S.M.), **311,** 541
Galaxy number counts – IV. Surveying the Herschel Deep Field in the near-infrared (McCracken H.J., Metcalfe N., Shanks T., Campos A., Gardner J.P., Fong R.), **311,** 707
Far-infrared-loud quasars – I. Disturbed and quiescent quasars in the PG survey (Clements D.L.), **311,** 833
Dust and gas in luminous infrared galaxies – results from SCUBA observations (Lisenfeld U., Isaak K.G., Hills R.), **312,** 433
The KX method for producing K-band flux-limited samples of quasars (Warren S.J., Hewett P.C., Foltz C.B.), **312,** 827
Red companions to a $z = 2.15$ radio-loud quasar (Clements D.L.), **312,** L61
Galaxy and cluster biasing from Local Group dynamics (Plionis M., Basilakos S., Rowan-Robinson M., Maddox S.J., Oliver S.J., Keeble O., Saunders W.), **313,** 8
The 3.4-μm absorption feature towards the nucleus of NGC 5506 (Imanishi M.), **313,** 165
The hyperluminous infrared quasar 3C 318 and its implications for interpreting submm detections of high-redshift radio galaxies (Willott C.J., Rawlings S., Jarvis M.J.), **313,** 237
Millimetre/submillimetre-wave emission-line searches for high-redshift galaxies (Blain A.W., Frayer D.T., Bock J.J., Scoville N.Z.), **313,** 559
Highly polarized structures in the near-nuclear regions of Cygnus A: intrinsic anisotropy within the cones? (Tadhunter C.N., Sparks W., Axon D.J., Bergeron L., Jackson N.J., Packham C., Hough J.H., Robinson A., Young S.), **313,** L52
Adaptive optics near-infrared imaging of NGC 2992 – unveiling core structures related to radio figure-of-8 loops (Chapman S.C., Morris S.L., Alonso-Herrero A., Falcke H.), **314,** 263
The *IRAS* PSCz dipole (Rowan-Robinson M., Sharpe J., Oliver S.J., Keeble O., Canavezes A., Saunders W., Taylor A.N., Valentine H., Frenk C.S., Efstathiou G.P., McMahon R.G., White S.D.M., Sutherland W., Tadros H., Maddox S.), **314,** 375
High-resolution radio observations of Seyfert galaxies in the extended 12-μm sample – I. The observations (Thean A., Pedlar A., Kukula M.J., Baum S.A., O'Dea C.P.), **314,** 573

The SCUBA Local Universe Galaxy Survey – I. First measurements of the submillimetre luminosity and dust mass functions (Dunne L., Eales S., Edmunds M., Ivison R., Alexander P., Clements D.L.), **315,** 115
Cool dust and gas in the Small Magellanic Cloud (Stanimirovic S., Staveley-Smith L., van der Hulst J.M., Bontekoe Tj.R., Kester D.J.M., Jones P.A.), **315,** 791
Testing the connection between the X-ray and submillimetre source populations using *Chandra* (Fabian A.C., Smail I., Iwasawa K., Allen S.W., Blain A.W., Crawford C.S., Ettori S., Ivison R.J., Johnstone R.M., Kneib J.-P., Wilman R.J.), **315,** L8
Extended gas in Seyfert galaxies: near-infrared observations of 15 active nuclei (Winge C., Storchi-Bergmann T., Ward M.J., Wilson A.S.), **316,** 1
A near-infrared polarized bipolar cone in the Circinus galaxy (Ruiz M., Alexander D.M., Young S., Hough J., Lumsden S.L., Heisler C.A.), **316,** 49
Star formation properties of Universidad Complutense de Madrid survey galaxies (Gil de Paz A., Aragón-Salamanca A., Gallego J., Alonso-Herrero A., Zamorano J., Kauffmann G.), **316,** 357
RXTE observation of NGC 6240: a search for the obscured active nucleus (Ikebe Y., Leighly K., Tanaka Y., Nakagawa T., Terashima Y., Komossa S.), **316,** 433
Spectroscopic constraints on the stellar population of elliptical galaxies in the Coma cluster (Mobasher B., James P.A.), **316,** 507
The European Large Area *ISO* Survey – I. Goals, definition and observations (Oliver S. et al.), **316,** 749
The European Large Area *ISO* Survey – II. Mid-infrared extragalactic source counts (Serjeant S. et al.), **316,** 768
Hyperluminous infrared galaxies (Rowan-Robinson M.), **316,** 885
High spatial resolution observations of CUDSS14A: a SCUBA-selected ultraluminous galaxy at high redshift (Gear W.K., Lilly S.J., Stevens J.A., Clements D.L., Webb T.M., Eales S.A., Dunne L.), **316,** L51
Circumnuclear regions in barred spiral galaxies – I. Near-infrared imaging (Pérez-Ramírez D., Knapen J.H., Peletier R.F., Laine S., Doyon R., Nadeau D.), **317,** 234
The stellar content of brightest cluster galaxies (James P.A., Mobasher B.), **317,** 259
Fabry–Perot imaging of NGC 6090 in H_2 emission (Sugai H., Davies R.I., Ishii M., Ward M.J.), **317,** 447
The infrared jet in 3C 66B (Tansley D., Birkinshaw M., Hardcastle M.J., Worrall D.M.), **317,** 623
Infrared photometry of $z \sim 1$ 3C quasars (Simpson C., Rawlings S.), **317,** 1023
Hubble Space Telescope imaging survey of sub-mJy star-forming galaxies – I. Morphologies at $z \sim 0.2$ (Serjeant S., Mobasher B., Gruppioni C., Oliver S.), **317,** L29
Infrared observations of gravitational lensing in Abell 2219 with CIRSI (Gray M.E., Ellis R.S., Refregier A., Bézecourt J., McMahon R.G., Beckett M.G., Mackay C.D., Hoenig M.D.), **318,** 573
Two-dimensional modelling of optical *Hubble Space Telescope* and infrared tip–tilt images of quasar host galaxies (McLure R.J., Dunlop J.S., Kukula M.J.), **318,** 693
Molecular hydrogen emission in Cygnus A (Wilman R.J., Edge A.C., Johnstone R.M., Crawford C.S., Fabian A.C.), **318,** 1232
Hot dust in two hard *Chandra* X-ray sources (Wilman R.J., Fabian A.C., Gandhi P.), **318,** L11
SCUBA observations of Hawaii 167 (Lewis G.F., Chapman S.C.), **318,** L31
A search for the submillimetre counterparts to Lyman break galaxies (Chapman S.C., Scott D., Steidel C.C., Borys C., Halpern M., Morris S.L., Adelberger K.L., Dickinson M., Giavalisco M., Pettini M.), **319,** 318
The 3.4-μm absorption feature towards three obscured active galactic nuclei (Imanishi M.), **319,** 331
A physical model for the hard X-ray background (Wilman R.J., Fabian A.C., Nulsen P.E.J.), **319,** 583
Near-infrared adaptive optics imaging of nuclear spiral structure in the Seyfert galaxy NGC 3227 (Chapman S.C., Morris S.L., Walker G.A.H.), **319,** 666
1–5 μm imaging of 3CRR galaxies: the K–z relation and the geometry of the torus (Simpson C., Ward M., Wall J.V.), **319,** 963
The European Large Area *ISO* Survey – III. 90-μm extragalactic source counts (Efstathiou A., Oliver S., Rowan-Robinson M., Surace C., Sumner T., Héraudeau P., Linden-Vørnle M.J.D., Rigopoulou D., Serjeant S., Mann R.G., Cesarsky C.J., Danese L., Franceschini A., Genzel R., Lawrence A., Lemke D., McMahon R.G., Miley G., Puget J.-L., Rocca-Volmerange B.), **319,** 1169

Infrared: ISM: continuum

A far-infrared survey of molecular cloud cores (Jessop N.E., Ward-Thompson D.), **311,** 63
On the interaction between cosmic rays and dark matter molecular clouds in the Milky Way – I. Basic considerations (Sciama D.W.), **312,** 33
Studies in mid-infrared spectropolarimetry – II. An atlas of spectra (Smith C.H., Wright C.M., Aitken D.K., Roche P.F., Hough J.H.), **312,** 327

Infrared: ISM: lines and bands

The coronal line regions of planetary nebulae NGC 6302 and 6537: 3–13 μm grating and echelle spectroscopy (Casassus S., Roche P.F., Barlow M.J.), **314,** 657
An infrared proper motion study of the Orion bullets (Lee J.-K., Burton M.G.), **315,** 11
The excitation and kinematical properties of H_2 and [Fe II] in the HH 46/47 bipolar outflow (Fernandes A.J.L.), **315,** 657
Interstellar velocity components towards reddened stars (Galazutdinov G.A., Krełowski J., Musaev F.A.), **315,** 703
On the identification of the C_{60}^+ interstellar features (Galazutdinov G.A., Krełowski J., Musaev F.A., Ehrenfreund P., Foing B.H.), **317,** 750
New, high-resolution, near-infrared observations of HH 1 (Davis C.J., Smith M.D., Eislöffel J.), **318,** 747
Observations of a curving molecular outflow from V380 Ori-NE: further support for prompt entrainment in protostellar outflows (Davis C.J., Dent W.R.F., Matthews H.E., Coulson I.M., McCaughrean M.J.), **318,** 952

Infrared: stars

Two nearby M dwarf binaries from the Two Micron All Sky Survey (Gizis J.E., Monet D.G., Reid I.N., Kirkpatrick J.D., Burgasser A.J.), **311,** 385
Optical, infrared and millimetre-wave properties of Vega-like systems – IV. Observations of a new sample of candidate Vega-like sources (Sylvester R.J., Mannings V.), **313,** 73
J-band spectroscopy of cataclysmic variables (Littlefair S.P., Dhillon V.S., Howell S.B., Ciardi D.R.), **313,** 117
The variability of Magellanic cluster infrared stars (Nishida S., Tanabé T., Nakada Y., Matsumoto S., Sekiguchi K., Glass I.S.), **313,** 136
Inversion of stellar statistics equation for the Galactic bulge (López-Corredoira M., Hammersley P.L., Garzón F., Simonneau E., Mahoney T.J.), **313,** 392
The discovery of the optical/IR counterpart of the 12-s transient X-ray pulsar GS 0834–43 (Israel G.L., Covino S., Campana S., Polcaro V.F., Roche P., Stella L., Di Paola A., Lazzati D., Mereghetti S., Giallongo E., Fontana A., Verrecchia F.), **314,** 87
The SMC X-ray transient XTE J0111.2–7317: a Be/X-ray binary in a supernova remnant? (Coe M.J., Haigh N.J., Reig P.), **314,** 290
The APM Survey for cool carbon stars in the Galactic halo – II. The search for dwarf carbon stars (Totten E.J., Irwin M.J., Whitelock P.A.), **314,** 630
The absolute infrared magnitudes of type Ia supernovae (Meikle W.P.S.), **314,** 782
Infrared spectroscopy of cataclysmic variables – III. Dwarf novae below the period gap and nova-like variables (Dhillon V.S., Littlefair S.P., Howell S.B., Ciardi D.R., Harrop-Allin M.K., Marsh T.R.), **314,** 826
Quantitative analysis of WC stars: constraints on neon abundances from *ISO*-SWS spectroscopy (Dessart L., Crowther P.A., Hillier D.J., Willis A.J., Morris P.W., van der Hucht K.A.), **315,** 407

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The continuing saga of Sakurai's object (V4334 Sgr): dust production and helium line emission (Tyne V.H., Eyres S.P.S., Geballe T.R., Evans A., Smalley B., Duerbeck H.W., Asplund M.), **315,** 595
Optical properties of the carbon dust grains in the envelopes around asymptotic giant branch stars (Suh K.-W.), **315,** 740
The infrared counterpart of the Z source GX 5–1 (Jonker P.G., Fender R.P., Hambly N.C., van der Klis M.), **315,** L57
The European Large Area *ISO* Survey – I. Goals, definition and observations (Oliver S. et al.), **316,** 749
Correlated *V/R* and infrared photometric variations in the Be/X-ray binary LS I + 61° 235/RX J0146.9 + 6121 (Reig P., Negueruela I., Coe M.J., Fabregat J., Tarasov A.E., Zamanov R.K.), **317,** 205
Modelling near-IR spectra and mid-IR dust emission of Mira variables at different phases (Lobel A., Bagnulo S., Doyle J.G., Power C.), **317,** 391
Detection of the old stellar component of the major Galactic bar (Hammersley P.L., Garzón F., Mahoney T.J., López-Corredoira M., Torres M.A.P.), **317,** L45
New, high-resolution, near-infrared observations of HH 1 (Davis C.J., Smith M.D., Eislöffel J.), **318,** 747
Observations of a curving molecular outflow from V380 Ori-NE: further support for prompt entrainment in protostellar outflows (Davis C.J., Dent W.R.F., Matthews H.E., Coulson I.M., McCaughrean M.J.), **318,** 952
Optical and infrared photometry of the Type IIn SN 1998S: days 11–146 (Fassia A. et al.), **318,** 1093
Giant repeated ejections from GRS 1915 + 105 (Fender R.P., Pooley G.G.), **318,** L1
Infrared colours for Mira-like long-period variables found in the *Hipparcos* Catalogue (Whitelock P., Marang F., Feast M.), **319,** 728

Radio continuum: galaxies
Deep spectroscopy of distant 3CR radio galaxies: the data (Best P.N., Röttgering H.J.A., Longair M.S.), **311,** 1
Ionization, shocks and evolution of the emission-line gas of distant 3CR radio galaxies (Best P.N., Röttgering H.J.A., Longair M.S.), **311,** 23
Collimation of extragalactic radio jets in compact steep-spectrum and larger sources (Jeyakumar S., Saikia D.J.), **311,** 397
SCUBA observations of the elliptical galaxy NGC 4374 (Leeuw L.L., Sansom A.E., Robson E.I.), **311,** 683
An asymmetric relativistic model for classical double radio sources (Arshakian T.G., Longair M.S.), **311,** 846
H I and radio continuum study of the isolated SBa Seyfert galaxy NGC 3783 (Blank D.L., Cram L.E.), **312,** 247
Intraday polarization variability outside the VLBI core of the active galactic nucleus 0716 + 714 (Gabuzda D.C., Kochenov P.Yu., Cawthorne T.V., Kollgaard R.I.), **313,** 627
The radio jets in B2 0755 + 379 (Bondi M., Parma P., de Ruiter H., Fanti R., Laing R.A., Fomalont E.B.), **314,** 11
High-resolution radio observations of Seyfert galaxies in the extended 12-μm sample – I. The observations (Thean A., Pedlar A., Kukula M.J., Baum S.A., O'Dea C.P.), **314,** 573
Radio properties of the Shapley Concentration – III. Merging clusters in the A3558 complex (Venturi T., Bardelli S., Morganti R., Hunstead R.W.), **314,** 594
VLBI and VLA observations of intraday polarization variability in 0917 + 624 and 0954 + 658 (Gabuzda D.C., Kochenov P.Yu., Kollgaard R.I., Cawthorne T.V.), **315,** 229
Radio galaxies with a 'double-double' morphology – I. Analysis of the radio properties and evidence for interrupted activity in active galactic nuclei (Schoenmakers A.P., de Bruyn A.G., Röttgering H.J.A., van der Laan H., Kaiser C.R.), **315,** 371
Radio galaxies with a 'double-double' morphology – III. The case of B 1834 + 620 (Schoenmakers A.P., de Bruyn A.G., Röttgering H.J.A., van der Laan H.), **315,** 395
Compact radio sources variable at 151 MHz – I. Catalogue of sources (Minns A.R., Riley J.M.), **315,** 839
Relativistic beaming effects in the spectra of cores and hotspots in radio galaxies and quasars (Ishwara-Chandra C.H., Saikia D.J.), **317,** 658
The cluster environments of the $z \sim 1$ 3CR radio galaxies (Best P.N.), **317,** 720
The LBDS Hercules sample of mJy radio sources at 1.4 GHz – I. Multicolour photometry (Waddington I., Windhorst R.A., Dunlop J.S., Koo D.C., Peacock J.A.), **317,** 801
Cold gas and star formation in a merging galaxy sequence (Georgakakis A., Forbes D.A., Norris R.P.), **318,** 124
Compact radio sources variable at 151 MHz – II. High-resolution observations of an unbiased sample (Minns A.R., Riley J.M.), **318,** 827
Magnetic and optical spiral arms in the galaxy NGC 6946 (Frick P., Beck R., Shukurov A., Sokoloff D., Ehle M., Kamphuis J.), **318,** 925
The redshift distribution of FIRST radio sources at 1 mJy (Magliocchetti M., Maddox S.J., Wall J.V., Benn C.R., Cotter G.), **318,** 1047
On the redshift cut-off for flat-spectrum radio sources (Jarvis M.J., Rawlings S.), **319,** 121
Multifrequency VLBI observations of faint gigahertz peaked spectrum sources (Snellen I.A.G., Schilizzi R.T., van Langevelde H.J.), **319,** 429
On the evolution of young radio-loud AGN (Snellen I.A.G., Schilizzi R.T., Miley G.K., de Bruyn A.G., Bremer M.N., Röttgering H.J.A.), **319,** 445
Constraining the radio–submillimetre redshift indicator using data from the SCUBA Local Universe Galaxy Survey (Dunne L., Clements D.L., Eales S.A.), **319,** 813
1–5 μm imaging of 3CRR galaxies: the K–z relation and the geometry of the torus (Simpson C., Ward M., Wall J.V.), **319,** 963
Analysis of $\lambda = 6$ cm VLBI polarization observations of a complete sample of northern BL Lacertae objects (Gabuzda D.C., Pushkarev A.B., Cawthorne T.V.), **319,** 1109

Radio continuum: general
1°- and 2°.5-scale interferometric surveys in the northern sky at 5 GHz (Giardino G., Asareh H., Melhuish S.J., Davies R.D., Davis R.J., Jones A.W.), **313,** 689
An Australia Telescope survey for CMB anisotropies (Subrahmanyan R., Kesteven M.J., Ekers R.D., Sinclair M., Silk J.), **315,** 808
Confirmation of three candidate Galactic supernova remnants from GMRT observations (Bhatnagar S.), **317,** 453
Neural networks and the separation of cosmic microwave background and astrophysical signals in sky maps (Baccigalupi C., Bedini L., Burigana C., De Zotti G., Farusi A., Maino D., Maris M., Perrotta F., Salerno E., Toffolatti L., Tonazzini A.), **318,** 769

Radio continuum: ISM
Star formation in NGC 6334 I and I(N) (McCutcheon W.H., Sandell G., Matthews H.E., Kuiper T.B.H., Sutton E.C., Danchi W.C., Sato T.), **316,** 152
Limits on radio emission from pulsar wind nebulae (Gaensler B.M., Stappers B.W., Frail D.A., Moffett D.A., Johnston S., Chatterjee S.), **318,** 58

Radio continuum: stars
Colliding winds in V1016 Cygni (Watson S.K., Eyres S.P.S., Davis R.J., Bode M.F., Richards A.M.S., Kenny H.T.), **311,** 449
The very flat radio–millimetre spectrum of Cygnus X-1 (Fender R.P., Pooley G.G., Durouchoux P., Tilanus R.P.J., Brocksopp C.), **312,** 853
WR 146 – observing the OB-type companion (Dougherty S.M., Williams P.M., Pollacco D.L.), **316,** 143
The radio luminosity of persistent X-ray binaries (Fender R.P., Hendry M.A.), **317,** 1
Excess submillimetre emission from GRS 1915 + 105 (Ogley R.N., Bell Burnell S.J., Fender R.P., Pooley G.G., Waltman E.B.), **317,** 158
Simultaneous radio and X-ray observations of Galactic Centre low-mass X-ray binaries (Berendsen S.G.H., Fender R., Kuulkers E., Heise J., van der Klis M.), **318,** 599

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The remnant of Nova Cassiopeiae 1993 (V705 Cassiopeiae) (Eyres S.P.S., Bode M.F., O'Brien T.J., Watson S.K., Davis R.J.), **318,** 1086
Giant repeated ejections from GRS 1915 + 105 (Fender R.P., Pooley G.G.), **318,** L1
Non-thermal emission in Wolf–Rayet stars: are massive companions required? (Dougherty S.M., Williams P.M.), **319,** 1005

Radio lines: galaxies
Ram-pressure stripping of the interstellar medium in NGC 4485 (Clemens M.S., Alexander P., Green D.A.), **312,** 236
H I and radio continuum study of the isolated SBa Seyfert galaxy NGC 3783 (Blank D.L., Cram L.E.), **312,** 247
Detection of CO in the inner part of the bulge of M31 (Melchior A.-L., Viallefond F., Guélin M., Neininger N.), **312,** L29
Millimetre/submillimetre-wave emission-line searches for high-redshift galaxies (Blain A.W., Frayer D.T., Bock J.J., Scoville N.Z.), **313,** 559
Resolved OH megamaser emission in the nuclear region of the ultraluminous infrared galaxy Markarian 273 (Yates J.A., Richards A.M.S., Wright M.M., Collett J.L., Gray M.D., Field D., Cohen R.J.), **317,** 28

Radio lines: ISM
Observations of OH 4765-MHz maser emission from star-forming regions (Szymczak M., Kus A.J., Hrynek G.), **312,** 211
Methanol masers at 107.0 and 156.6 GHz (Caswell J.L., Yi J., Booth R.S., Cragg D.M.), **313,** 599
Discovery of a dense bipolar outflow from a new class 0 protostar in NGC 2068/LBS 17 (Gibb A.G., Little L.T.), **313,** 663
Ammonia observations of the nearby molecular cloud MBM 12 (Gómez J.F., Trapero J., Pascual S., Patel N., Morales C., Torrelles J.M.), **314,** 743
Hydrogen recombination lines from the Gum nebula (Woermann B., Gaylard M.J., Otrupcek R.), **315,** 241
Infrared emission from 6.7-GHz methanol maser sources (Goedhart S., van der Walt D.J., Schutte A.J.), **315,** 316
Star formation in NGC 6334 I and I(N) (McCutcheon W.H., Sandell G., Matthews H.E., Kuiper T.B.H., Sutton E.C., Danchi W.C., Sato T.), **316,** 152
The modelling of line emission from axially symmetric structures (Phillips R.R., Little L.T.), **317,** 179
A milliarcsecond-resolution image of the OH masers in G34.3 + 0.2 (Zheng X.W., Moran J.M., Reid M.J.), **317,** 192
The small-scale structure in interstellar H I: a resolvable puzzle (Deshpande A.A.), **317,** 199
Detection of new sources of methanol emission at 95 GHz with the Mopra telescope (Val'tts I.E., Ellingsen S.P., Slysh V.I., Kalenskii S.V., Otrupcek R., Larionov G.M.), **317,** 315
Molecular gas in blue compact dwarf galaxies (Barone L.T., Heithausen A., Hüttemeister S., Fritz T., Klein U.), **317,** 649

Radio lines: stars
No molecular gas around nearby solar-type stars (Greaves J.S., Coulson I.M., Holland W.S.), **312,** L1

Ultraviolet: galaxies
An ultraviolet-selected galaxy redshift survey – II. The physical nature of star formation in an enlarged sample (Sullivan M., Treyer M.A., Ellis R.S., Bridges T.J., Milliard B., Donas J.), **312,** 442
FAUST observations in the Fourth Galactic Quadrant (Brosch N., Brook A., Wisotzki L., Almoznino E., Prialnik D., Bowyer S., Lampton M.), **313,** 641
FAUST observations near the North Galactic Pole (Brosch N., Almoznino E., Engels D., Bowyer S., Lampton M.), **316,** 58
Optical/ultraviolet morphology and alignment of low-redshift radio galaxies (Roche N., Eales S.A.), **317,** 120
Lyα imaging of a very luminous $z = 2.3$ starburst galaxy with WFPC2 (Roche N., Lowenthal J., Woodgate B.), **317,** 937

Ultraviolet: general
Si X emission lines in spectra obtained with the *Solar EUV Rocket Telescope and Spectrograph* (*SERTS*) (Keenan F.P., O'Shea E., Thomas R.J., Brosius J.W., Katsiyannis A., Ryans R.S.I., Reid R.H.G., Pradhan A.K., Zhang H.L.), **315,** 450
Extreme ultraviolet emission lines of Ni XII in laboratory and solar spectra (Keenan F.P., Botha G.J.J., Matthews A., Lawson K.D., Coffey I.H.), **318,** 37
Energy levels, lifetimes and branch fractions for Fe XI (Fritzsche S., Dong C.Z., Träbert E.), **318,** 263
Accurate laboratory wavelengths of some ultraviolet lines of Cr, Zn and Ni relevant to time variations of the fine structure constant (Pickering J.C., Thorne A.P., Murray J.E., Litzén U., Johansson S., Zilio V., Webb J.K.), **319,** 163

Ultraviolet: ISM
The CO Cameron band emission in the Red Rectangle (Yan M., Dalgarno A., Klemperer W., Miller A.E.S.), **313,** L17
The role of the geometry and dust environment in stationary models of translucent interstellar clouds (Kopp M., Roueff E., Pineau des Forêts G.), **315,** 37

Ultraviolet: stars
HST ultraviolet observations of rapid variability in the accretion-disc wind of BZ Cam (Prinja R.K., Ringwald F.A., Wade R.A., Knigge C.), **312,** 316
The far-UV spectrum of T Tauri stars – I. The relevance of the *IUE* Newly Extracted Spectra (Huélamo N., Franqueira M., Gómez de Castro A.I.), **312,** 833
FAUST observations in the Fourth Galactic Quadrant (Brosch N., Brook A., Wisotzki L., Almoznino E., Prialnik D., Bowyer S., Lampton M.), **313,** 641
UV spectroscopy of the peculiar binary V Sagittae in a low state (Wood J.H., Lockley J.J.), **313,** 789
The discovery of photospheric nickel in the hot DO white dwarf REJ 0503–289 (Barstow M.A., Dreizler S., Holberg J.B., Finley D.S., Werner K., Hubeny I., Sion E.M.), **314,** 109
FAUST observations near the North Galactic Pole (Brosch N., Almoznino E., Engels D., Bowyer S., Lampton M.), **316,** 58
The massive stellar content of the H II region NGC 604 and its evolutionary state (González Delgado R.M., Pérez E.), **317,** 64

X-rays: bursts
X-ray/optical bursts from GS 1826–24 (Kong A.K.H., Homer L., Kuulkers E., Charles P.A., Smale A.P.), **311,** 405
X-ray observations of the 'composite' Seyfert/star-forming galaxy IRAS 00317–2142 (Georgantopoulos I.), **315,** 77

X-rays: galaxies
The history of cosmic baryons: X-ray emission versus star formation rate (Menci N., Cavaliere A.), **311,** 50
Iron Kα line profiles driven by non-axisymmetric illumination (Yu Q., Lu Y.), **311,** 161
X-ray evidence for multiphase hot gas with nearly solar Fe abundances in the brightest groups of galaxies (Buote D.A.), **311,** 176
Note on a polytropic β-model to fit the X-ray surface brightness of clusters of galaxies (Ettori S.), **311,** 313
Hard X-ray emission from elliptical galaxies (Allen S.W., Di Matteo T., Fabian A.C.), **311,** 493
Low-radiative-efficiency accretion in the nuclei of elliptical galaxies (Di Matteo T., Quataert E., Allen S.W., Narayan R., Fabian A.C.), **311,** 507
The origin of wide-angle tailed radio galaxies (Sakelliou I., Merrifield M.R.), **311,** 649
Constraints on the asymptotic baryon fractions of galaxy clusters at large radii (Wu X.-P., Xue Y.-J.), **311,** 825
The 0.1–100 keV spectrum and variability of Mrk 421 in a high state (Malizia A., Capalbi M., Fiore F., Giommi P., Gandolfi G., Tesseri A., Antonelli L.A., Butler R.C., Celidonio G., Coletta A., Di Ciolo L., Muller J.M., Piro L., Rebecchi S., Ricci D., Ricci R., Smith M., Torroni V.), **312,** 123
Multiwavelength observations of an evolved galaxy group: an end-point of galaxy merging? (Jones L.R., Ponman T.J., Forbes D.A.), **312,** 139

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An X-ray-absorbed radio-quiet QSO with an intervening strong metal absorption-line system (Page M.J., Mittaz J.P.D., Carrera F.J.), **312,** 207
An ultrasoft X-ray source (RX 215319–1514) and discovery of a narrow-line Seyfert 1 galaxy (Singh K.P., Jones L.R.), **312,** 380
Deconvolution of *ASCA* X-ray data – I. Spectral-imaging method (White D.A., Buote D.A.), **312,** 649
Deconvolution of *ASCA* X-ray data – II. Radial temperature and metallicity profiles for 106 galaxy clusters (White D.A.), **312,** 663
A multiwavelength view at the heart of the superwind in NGC 253 (Forbes D.A., Polehampton E., Stevens I.R., Brodie J.P., Ward M.J.), **312,** 689
Effects of Kerr space–time on spectral features from X-ray illuminated accretion discs (Martocchia A., Karas V., Matt G.), **312,** 817
Simultaneous EUV and X-ray variability of NGC 4051 (Uttley P., M^{c}Hardy I.M., Papadakis I.E., Cagnoni I., Fruscione A.), **312,** 880
PDS 456: an extreme accretion rate quasar? (Reeves J.N., O'Brien P.T., Vaughan S., Law-Green D., Ward M., Simpson C., Pounds K.A., Edelson R.), **312,** L17
Statistical properties of metal abundances of the intracluster medium in the central region of clusters (Fukazawa Y., Makishima K., Tamura T., Nakazawa K., Ezawa H., Ikebe Y., Kikuchi K., Ohashi T.), **313,** 21
Zw 1718.1–0108: a highly disturbed galaxy cluster at low Galactic latitude (Iwasawa K., Ettori S., Fabian A.C., Edge A.C., Ebeling H.), **313,** 515
X-ray analysis of the cluster 3C 129 (Leahy D.A., Yin D.), **313,** 617
A deep *ROSAT* survey – XV. The average QSO spectrum and its evolution (Blair A.J., Stewart G.C., Georgantopoulos I., Boyle B.J., Griffiths R.E., Shanks T., Almaini O.), **314,** 138
Thermal synchrotron radiation and its Comptonization in compact X-ray sources (Wardziński G., Zdziarski A.A.), **314,** 183
Radio, optical and X-ray nuclei in nearby 3CRR radio galaxies (Hardcastle M.J., Worrall D.M.), **314,** 359
Starburst-driven galactic winds – I. Energetics and intrinsic X-ray emission (Strickland D.K., Stevens I.R.), **314,** 511
Diffuse X-ray emission from late-type galaxy haloes (Benson A.J., Bower R.G., Frenk C.S., White S.D.M.), **314,** 557
X-ray observations of the ultraluminous infrared galaxy IRAS 19254–7245 (the Superantennae) (Pappa A., Georgantopoulos I., Stewart G.C.), **314,** 589
The correlation function of X-ray galaxy clusters in the *ROSAT* All-Sky Survey 1 Bright Sample (Moscardini L., Matarrese S., De Grandi S., Lucchin F.), **314,** 647
X-ray wakes in Abell 160 (Drake N., Merrifield M.R., Sakelliou I., Pinkney J.C.), **314,** 768
Optical, near-infrared and hard X-ray observations of SAX J1353.9 + 1820: a red quasar (Vignali C., Mignoli M., Comastri A., Maiolino R., Fiore F.), **314,** L11
X-ray iron line variability for the model of an orbiting flare above a black hole accretion disc (Ruszkowski M.), **315,** 1
X-ray observations of the 'composite' Seyfert/star-forming galaxy IRAS 00317–2142 (Georgantopoulos I.), **315,** 77
A *ROSAT* High Resolution Imager survey of bright nearby galaxies (Roberts T.P., Warwick R.S.), **315,** 98
An extended multi-zone model for the MCG–6-30-15 warm absorber (Morales R., Fabian A.C., Reynolds C.S.), **315,** 149
On the influence of resonant absorption on the iron emission-line profiles from accreting black holes (Ruszkowski M., Fabian A.C.), **315,** 223
The properties of cooling flows in X-ray luminous clusters of galaxies (Allen S.W.), **315,** 269
X-ray variability in a deep, flux-limited sample of QSOs (Almaini O., Lawrence A., Shanks T., Edge A., Boyle B.J., Georgantopoulos I., Gunn K.F., Stewart G.C., Griffiths R.E.), **315,** 325
The intragroup medium in loose groups of galaxies (Helsdon S.F., Ponman T.J.), **315,** 356
Erratum: X-ray analysis of the cluster 3C 129 (Leahy D.A., Yin D.), **315,** 432
The WARPS survey – IV. The X-ray luminosity–temperature relation of high-redshift galaxy clusters (Fairley B.W., Jones L.R., Scharf C., Ebeling H., Perlman E., Horner D., Wegner G., Malkan M.), **315,** 669
ROSAT PSPC detection of soft X-ray absorption in GB 1428 + 4217: the most distant matter yet probed with X-ray spectroscopy (Boller Th., Fabian A.C., Brandt W.N., Freyberg M.J.), **315,** L23
A multiphase model for the intracluster medium (Nagai D., Sulkanen M.E., Evrard A.E.), **316,** 120
Predicting the clustering of X-ray selected galaxy clusters in flux-limited surveys (Moscardini L., Matarrese S., Lucchin F., Rosati P.), **316,** 283
A combined analysis of cluster mass estimates from strong lensing, X-ray measurement and the universal density profile (Wu X.-P.), **316,** 299
RXTE observation of NGC 6240: a search for the obscured active nucleus (Ikebe Y., Leighly K., Tanaka Y., Nakagawa T., Terashima Y., Komossa S.), **316,** 433
Extended X-ray emission in the radio-loud galaxy 3C 382 (Prieto M.A.), **316,** 442
Detection of exceptional X-ray spectral variability in the TeV BL Lac 1ES 2344 + 514 (Giommi P., Padovani P., Perlman E.), **317,** 743
Reprocessed emission from warped accretion discs with application to X-ray iron line profiles (Hartnoll S.A., Blackman E.G.), **317,** 880
Compton-thick X-ray absorption in the Seyfert galaxies Tololo 0109–383 and ESO 138–G1 (Collinge M.J., Brandt W.N.), **317,** L35
Chandra constraints on the thermal conduction in the intracluster plasma of A2142 (Ettori S., Fabian A.C.), **317,** L57
The X-ray spectra of Compton-thick Seyfert 2 galaxies as seen by *BeppoSAX* (Matt G., Fabian A.C., Guainazzi M., Iwasawa K., Bassani L., Malaguti G.), **318,** 173
BeppoSAX–ROSAT PSPC observations of the Shapley supercluster: A3562 (Ettori S., Bardelli S., De Grandi S., Molendi S., Zamorani G., Zucca E.), **318,** 239
Active nucleus in a post-starburst galaxy: KUG 1259 + 280 (Dewangan G.C., Singh K.P., Mayya Y.D., Anupama G.C.), **318,** 309
The *ROSAT* Brightest Cluster Sample – IV. The extended sample (Ebeling H., Edge A.C., Allen S.W., Crawford C.S., Fabian A.C., Huchra J.P.), **318,** 333
A cloud model of active galactic nuclei: the iron Kα line diagnostics (Karas V., Czerny B., Abrassart A., Abramowicz M.A.), **318,** 547
Properties of the double β model for intracluster gas (Xue Y.-J., Wu X.-P.), **318,** 715
X-ray colour maps of the cores of galaxy clusters (Sanders J.S., Fabian A.C., Allen S.W.), **318,** 733
The X-ray variability of the Seyfert 1 galaxy MCG–6-30-15 from long *ASCA* and *RXTE* observations (Lee J.C., Fabian A.C., Reynolds C.S., Brandt W.N., Iwasawa K.), **318,** 857
X-ray absorption and rapid variability of the dwarf Seyfert nucleus of NGC 4395 (Iwasawa K., Fabian A.C., Almaini O., Lira P., Lawrence A., Hayashida K., Inoue H.), **318,** 879
Non-gravitational heating in the hierarchical formation of X-ray clusters (Wu K.K.S., Fabian A.C., Nulsen P.E.J.), **318,** 889
β-model and cooling flows in X-ray clusters of galaxies (Ettori S.), **318,** 1041
Are 'Bondi–Hoyle wakes' detectable in clusters of galaxies? (Sakelliou I.), **318,** 1164
Chandra imaging of the complex X-ray core of the Perseus cluster (Fabian A.C., Sanders J.S., Ettori S., Taylor G.B., Allen S.W., Crawford C.S., Iwasawa K., Johnstone R.M., Ogle P.M.), **318,** L65
Multiwavelength study of the nuclei of a volume-limited sample of galaxies – I. X-ray observations (Lira P., Lawrence A., Johnson R.A.), **319,** 17
The environments of FRII radio sources (Hardcastle M.J., Worrall D.M.), **319,** 562
Are X-ray properties of loose groups different from those of compact groups? (Helsdon S.F., Ponman T.J.), **319,** 933
The *ROSAT*–ESO Flux-Limited X-ray (REFLEX) galaxy cluster survey – II. The spatial correlation function (Collins C.A., Guzzo L., Böhringer H., Schuecker P., Chincarini G., Cruddace R., De Grandi S., MacGillivray H.T., Neumann D.M., Schindler S., Shaver P., Voges W.), **319,** 939

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RXTE observations of the Seyfert galaxy NGC 5506: evidence for reflection from disc and torus (Lamer G., Uttley P., M^{c}Hardy I.M.), **319,** 949

X-rays: general

The *ROSAT* International X-ray/Optical Survey (RIXOS): source catalogue (Mason K.O. et al.), **311,** 456

RXTE observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **312,** 151

Photoionization and recombination of Fe XIX (Zhang H.L., Pradhan A.K.), **313,** 13

Constraints on the emission mechanisms of gamma-ray bursts (Ghisellini G., Celotti A., Lazzati D.), **313,** L1

X-ray variability in a deep, flux-limited sample of QSOs (Almaini O., Lawrence A., Shanks T., Edge A., Boyle B.J., Georgantopoulos I., Gunn K.F., Stewart G.C., Griffiths R.E.), **315,** 325

Hubble Space Telescope observations of X-ray-selected active galactic nuclei (Schade D.J., Boyle B.J., Letawsky M.), **315,** 498

Erratum: *RXTE* observations of Galactic microquasar XTE J1748–288 during its 1998 outburst (Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N.), **315,** 655

The entropy and energy of intergalactic gas in galaxy clusters (Lloyd-Davies E.J., Ponman T.J., Cannon D.B.), **315,** 689

The X-ray spectrum of a disc illuminated by ions (Spruit H.C., Haardt F.), **315,** 751

Testing the connection between the X-ray and submillimetre source populations using *Chandra* (Fabian A.C., Smail I., Iwasawa K., Allen S.W., Blain A.W., Crawford C.S., Ettori S., Ivison R.J., Johnstone R.M., Kneib J.-P., Wilman R.J.), **315,** L8

X-ray spectra of a large sample of quasars with *ASCA* (Reeves J.N., Turner M.J.L.), **316,** 234

Frequency-resolved spectroscopy of Cyg X-1: fast variability of the reflected emission in the soft state (Gilfanov M., Churazov E., Revnivtsev M.), **316,** 923

A possible detection of diffuse extended X-ray emission in the environment of the globular cluster NGC 6779 (Hopwood M.E.L., Evans A., Roberts T.P., Burleigh M.R., Odenkirchen M., Beardmore A.P., O'Brien T., Jeffries R.D., Penny A., Eyres S.P.S.), **316,** L5

On the intensity of the extragalactic X-ray background (Barcons X., Mateos S., Ceballos M.T.), **316,** L13

Compton dragged gamma-ray bursts: the spectrum (Ghisellini G., Lazzati D., Celotti A., Rees M.J.), **316,** L45

Hypothesis testing for meagre data sets (Lucy L.B.), **318,** 92

On the effect of coronal outflow on spectra formation in galactic black hole systems (Janiuk A., Czerny B., Życki P.T.), **318,** 180

The X-ray variability of the Seyfert 1 galaxy MCG–6-30-15 from long *ASCA* and *RXTE* observations (Lee J.C., Fabian A.C., Reynolds C.S., Brandt W.N., Iwasawa K.), **318,** 857

The angular correlation function of the *ROSAT* All-Sky Survey Bright Source Catalogue (Akylas A., Georgantopoulos I., Plionis M.), **318,** 1036

A survey of hard spectrum *ROSAT* sources – I. X-ray source catalogue (Page M.J., Mittaz J.P.D., Carrera F.J.), **318,** 1073

Hot dust in two hard *Chandra* X-ray sources (Wilman R.J., Fabian A.C., Gandhi P.), **318,** L11

Stellar contributors to the hard X-ray background? (Natarajan P., Almaini O.), **318,** L21

A physical model for the hard X-ray background (Wilman R.J., Fabian A.C., Nulsen P.E.J.), **319,** 583

X-rays: ISM

Hard X-ray emission from elliptical galaxies (Allen S.W., Di Matteo T., Fabian A.C.), **311,** 493

A possible detection of diffuse extended X-ray emission in the environment of the globular cluster NGC 6779 (Hopwood M.E.L., Evans A., Roberts T.P., Burleigh M.R., Odenkirchen M., Beardmore A.P., O'Brien T., Jeffries R.D., Penny A., Eyres S.P.S.), **316,** L5

X-rays: stars

Detection of the optical counterpart of the proposed double degenerate polar RX J1914 + 24 (Ramsay G., Cropper M., Wu K., Mason K.O., Hakala P.), **311,** 75

The timing properties of Sco X-1 along its Z track with *EXOSAT* (Dieters S.W., van der Klis M.), **311,** 201

Spectral variation in the X-ray pulsar GX 1 + 4 during a low-flux episode (Galloway D.K., Giles A.B., Greenhill J.G., Storey M.C.), **311,** 755

The distribution of X-ray dips with orbital phase in Cygnus X-1 (Bałucińska-Church M., Church M.J., Charles P.A., Nagase F., LaSala J., Barnard R.), **311,** 861

The nature of TW Pictoris (Norton A.J., Beardmore A.P., Retter A., Buckley D.A.H.), **312,** 362

The 'off' state of GX 339–4 (Kong A.K.H., Kuulkers E., Charles P.A., Homer L.), **312,** L49

Discovery of a red- and blueshifted iron disc line in the Galactic jet source GRO J1655–40 (Bałucińska-Church M., Church M.J.), **312,** L55

On the interpretation of the multicolour disc model for black hole candidates (Merloni A., Fabian A.C., Ross R.R.), **313,** 193

Short-term pulse frequency fluctuations of OAO 1657–415 from *RXTE* observations (Baykal A.), **313,** 637

Outbursts of EX Hydrae: mass-transfer events or disc instabilities? (Hellier C., Kemp J., Naylor T., Bateson F.M., Jones A., Overbeek D., Stubbings R., Mukai K.), **313,** 703

The discovery of a low-mass, pre-main-sequence stellar association around γ Velorum (Pozzo M., Jeffries R.D., Naylor T., Totten E.J., Harmer S., Kenyon M.), **313,** L23

The discovery of the optical/IR counterpart of the 12-s transient X-ray pulsar GS 0834–43 (Israel G.L., Covino S., Campana S., Polcaro V.F., Roche P., Stella L., Di Paola A., Lazzati D., Mereghetti S., Giallongo E., Fontana A., Verrecchia F.), **314,** 87

Thermal synchrotron radiation and its Comptonization in compact X-ray sources (Wardziński G., Zdziarski A.A.), **314,** 183

The SMC X-ray transient XTE J0111.2–7317: a Be/X-ray binary in a supernova remnant? (Coe M.J., Haigh N.J., Reig P.), **314,** 290

The role of advection in the accreting corona model for active galactic nuclei and Galactic black holes (Janiuk A., Życki P.T., Czerny B.), **314,** 364

Determining the mass of the accreting white dwarf in magnetic cataclysmic variables using *RXTE* data (Ramsay G.), **314,** 403

Disc instability models for X-ray transients: evidence for evaporation and low α-viscosity? (Menou K., Hameury J.-M., Lasota J.-P., Narayan R.), **314,** 498

Stokes imaging of the AM Her system ST LMi (Potter S.B.), **314,** 672

Optical, X-ray and radio observations of HD 61396: a probable new RS CVn-type binary (Padmakar, Singh K.P., Drake S.A., Pandey S.K.), **314,** 733

Irradiation of the secondary star in X-ray Nova Scorpii 1994 (= GRO J1655–40) (Shahbaz T., Groot P., Phillips S.N., Casares J., Charles P.A., van Paradijs J.), **314,** 747

The multi-temperature X-ray spectrum of the intermediate polar V1223 Sagittarii (Beardmore A.P., Osborne J.P., Hellier C.), **315,** 307

Atmospheric emission from hydrogen-shell-burning white dwarfs as supersoft X-ray sources (Shimura T.), **315,** 345

Stokes imaging of the accretion region in magnetic cataclysmic variables – II. V347 Pav (Potter S.B., Cropper M., Hakala P.J.), **315,** 423

Ginga observations of Her X-1 in the short high state: evidence for an extended emission region (Leahy D.A.), **315,** 735

The population of faint transients in the Galactic Centre (King A.R.), **315,** L33

ASCA spectroscopy of the hard X-ray emission from the colliding wind interaction in γ^2 Velorum (Rauw G., Stevens I.R., Pittard J.M., Corcoran M.F.), **316,** 129

Optical studies of the X-ray transient XTE J2123–058 – I. Photometry (Zurita C., Casares J., Shahbaz T., Charles P.A., Hynes R.I., Shugarov S., Goransky V., Pavlenko E.P., Kuznetsova Y.), **316,** 137

Two-phase radiative/conductive equilibrium in active galactic nuclei and galactic black holes (Różańska A., Czerny B.), **316,** 473

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Searching for periodicities in the MACHO light curve of LMC X-2 (Alcock C. et al.), **316,** 729
Frequency-resolved spectroscopy of Cyg X-1: fast variability of the reflected emission in the soft state (Gilfanov M., Churazov E., Revnivtsev M.), **316,** 923
Rotation and activity in the solar-type stars of NGC 2547 (Jeffries R.D., Totten E.J., James D.J.), **316,** 950
Excess submillimetre emission from GRS 1915 + 105 (Ogley R.N., Bell Burnell S.J., Fender R.P., Pooley G.G., Waltman E.B.), **317,** 158
Correlated *VIR* and infrared photometric variations in the Be/X-ray binary LS I + 61°235/RX J0146.9 + 6121 (Reig P., Negueruela I., Coe M.J., Fabregat J., Tarasov A.E., Zamanov R.K.), **317,** 205
A moving group of young stars in Carina–Vela (Makarov V.V., Urban S.), **317,** 289
Observations of the extreme-ultraviolet transient RE J1255 + 266: a short outburst of a WZ Sge system? (Wheatley P.J., Burleigh M.R., Watson M.G.), **317,** 343
The violent past of Cygnus X-2 (Kolb U., Davies M.B., King A., Ritter H.), **317,** 438
On the effect of coronal outflow on spectra formation in galactic black hole systems (Janiuk A., Czerny B., Życki P.T.), **318,** 180
Polarimetry and spectroscopy of RX J1141.3–6410: a single-pole AM Her system (Buckley D.A.H., Cropper M., van der Heyden K., Potter S.B., Wickramasinghe D.T.), **318,** 187
Exospheric models for the X-ray emission from single Wolf–Rayet stars (Ignace R., Oskinova L.M., Foullon C.), **318,** 214
Are there three peaks in the power spectra of GX 339–4 and Cyg X-1? (Nowak M.A.), **318,** 361
A cloud model of active galactic nuclei: the iron Kα line diagnostics (Karas V., Czerny B., Abrassart A., Abramowicz M.A.), **318,** 547
Simultaneous radio and X-ray observations of Galactic Centre low-mass X-ray binaries (Berendsen S.G.H., Fender R., Kuulkers E., Heise J., van der Klis M.), **318,** 599
The harmonic and sideband structure of the kilohertz quasi-periodic oscillations in Sco X-1 (Méndez M., van der Klis M.), **318,** 938
X-ray emission from nearby M-dwarfs: the super-saturation phenomenon (James D.J., Jardine M.M., Jeffries R.D., Randich S., Collier Cameron A., Ferreira M.), **318,** 1217
Coordinated monitoring of the eccentric O-star binary Iota Orionis: the X-ray analysis (Pittard J.M., Stevens I.R., Corcoran M.F., Gayley K.G., Marchenko S.V., Rauw G.), **319,** 137
X-ray source populations in the region of the open clusters NGC 6633 and IC 4756 (Briggs K.R., Pye J.P., Jeffries R.D., Totten E.J.), **319,** 826
The X-ray spectrum and light curve of Supernova 1995N (Fox D.W., Lewin W.H.G., Fabian A., Iwasawa K., Terlevich R., Zimmermann H.U., Aschenbach B., Weiler K., Van Dyk S., Chevalier R., Rutledge R., Inoue H., Uno S.), **319,** 1154

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Author index

Aannestad P.A. *see* Covatto C.
Aaquist O.B. *see* Miranda L.F.
Abadi M.G., Bower R.G., Navarro J.F., Self-similar shocked accretion of collisional gas with radiative cooling, **314,** 759
Ables J.G. *see* McConnell D.
Abraham R. *see* Le Fèvre O.
Abramowicz M.A. *see* Karas V.
Abramowicz M.A., Lasota J.-P., Igumenshchev I.V., On the absence of winds in advection-dominated accretion flows, **314,** 775
Abrassart A. *see* Karas V.
Adelberger K.L. *see* Chapman S.C.
Adelman S.J., Caliskan H., Kocer D., Cay I.H., Tektunali H.G., Elemental abundance analyses with DAO spectrograms – XXIII. The superficially normal stars 28 And (A7 III) and 99 Her (F7 V), **316,** 514
Agapitou V., Papaloizou J.C.B., Accretion disc–stellar magnetosphere interaction: field line inflation and the effect on the spin-down torque, **317,** 273
Agol E. *see* Wyithe J.S.B.
Aharonian F.A. *see* Bogovalov S.V.
Aitken D.K. *see* Smith C.H.
Akylas A., Georgantopoulos I., Plionis M., The angular correlation function of the *ROSAT* All-Sky Survey Bright Source Catalogue, **318,** 1036
Alcalá J.M. *see* Miranda L.F.
Alcalde D. *see* Fassia A.
Alcaniz J.S. *see* Lima J.A.S.
Alcock C., Allsman R.A., Alves D.R., Axelrod T.S., Becker A.C., Bennett D.P., Charles P.A., Cook K.H., Drake A.J., Freeman K.C., Geha M., Griest K., Groot P., Lehner M.J., Marshall S.L., McGowan K.E., Minniti D., Nelson C.A., Peterson B.A., Popowski P., Pratt M.R., Quinn P.J., Sutherland W., Tomaney A.B., Vandehei T., van Paradijs J., Searching for periodicities in the MACHO light curve of LMC X-2, **316,** 729
Alecian G., LeBlanc F., Behaviour of radiative accelerations in stars, **319,** 677
Alexander D.M. *see* Oliver S.
Alexander D.M. *see* Ruiz M.
Alexander D.M., Heisler C.A., Young S., Lumsden S.L., Hough J.H., Bailey J.A., Constraints on the nuclear emission of the Circinus galaxy: optical and near-IR spectropolarimetry, **313,** 815
Alexander P. *see* Clemens M.S.
Alexander P. *see* Dunne L.
Alexander P., Evolutionary models for radio sources from compact sources to classical doubles, **319,** 8
Allan N.L. *see* May P.W.
Allen M.P., Horvath J.E., Pulsar radio luminosity laws revisited, **317,** 23
Allen S.W. *see* Di Matteo T.
Allen S.W. *see* Ebeling H.
Allen S.W. *see* Fabian A.C.
Allen S.W. *see* Sanders J.S.
Allen S.W., Di Matteo T., Fabian A.C., Hard X-ray emission from elliptical galaxies, **311,** 493
Allen S.W., The properties of cooling flows in X-ray luminous clusters of galaxies, **315,** 269
Aller L.H. *see* Hyung S.
Allington-Smith J.R. *see* Lee D.
Allsman R.A. *see* Alcock C.
Almaini O. *see* Blair A.J.
Almaini O. *see* Iwasawa K.
Almaini O. *see* Natarajan P.
Almaini O. *see* Oliver S.
Almaini O., Lawrence A., Shanks T., Edge A., Boyle B.J., Georgantopoulos I., Gunn K.F., Stewart G.C., Griffiths R.E., X-ray variability in a deep, flux-limited sample of QSOs, **315,** 325
Almoznino E. *see* Brosch N.
Almoznino E. *see* Heller A.B.
Alonso A. *see* Fassia A.
Alonso-Herrero A. *see* Chapman S.C.
Alonso-Herrero A. *see* Gil de Paz A.
Alpar M.A. *see* Baykal A.
Althaus L.G. *see* Panei J.A.
Althaus L.G., Benvenuto O.G., Diffusion in helium white dwarf stars, **317,** 952
Alton P.B. *see* Bianchi S.
Álvarez Álvarez M. *see* Díaz A.I.
Álvarez Álvarez M. *see* Sánchez-Portal M.
Alves D.R. *see* Alcock C.
Amado P.J., Doyle J.G., Byrne P.B., Photometric modelling of starspots – II. The FORTRAN code SPOTPIC, **314,** 489
Amendola L., Perturbations in a coupled scalar field cosmology, **312,** 521
Andernach H. *see* Mason K.O.
Andreon S., Gargiulo G., Longo G., Tagliaferri R., Capuano N., Wide field imaging – I. Applications of neural networks to object detection and star/galaxy classification, **319,** 700
Andrievsky S.M., Paunzen E., Towards the solution of the λ Bootis problem, **313,** 547
Anglada G. *see* Miranda L.F.
Antokhin I.I. *see* Marchenko S.V.
Antokhina E.A. *see* Marchenko S.V.
Antonelli L.A. *see* Malizia A.
Anupama G.C. *see* Dewangan G.C.
Aparicio A. *see* Hernandez M.
Appl S. *see* Ferreira J.
Appourchaux T. *see* Chaplin W.J.
Appourchaux T., Chang H.-Y., Gough D.O., Sekii T., On measuring low-degree p-mode frequency splitting with full-disc integrated data, **319,** 365
Aragón-Salamanca A. *see* Fassia A.
Aragón-Salamanca A. *see* Gil de Paz A.
Aragon-Salamanca A. *see* Mason K.O.
Arbabi-Bidgoli S. *see* Müller V.
Arellano Ferro A., Rosenzweig P., The intermediate-band approach to the surface-brightness method for Cepheid radii and distance determination, **315,** 296
Arenas J., Catalán M.S., Augusteijn T., Retter A., A spectroscopic study of V603 Aquilae: stellar parameters and continuum–line variations, **311,** 135
Arentoft T. *see* Handler G.
Aretxaga I. *see* Díaz A.I.
Aretxaga I. *see* Sánchez-Portal M.
Arevalo M.J. *see* Fassia A.
Argüeso F. *see* Cayón L.
Arlt R. *see* Brown P.
Arras P. *see* Murali C.
Arshakian T.G., Longair M.S., An asymmetric relativistic model for classical double radio sources, **311,** 846
Arthur S.J. *see* Raga A.
Asareh H. *see* Giardino G.
Aschenbach B. *see* Fox D.W.
Asher D.J. *see* Singer W.
Ashley M.C.B. *see* Brooks K.J.
Ashman K.M. *see* Beasley M.A.
Ashoka B.N. *see* Handler G.
Ashoka B.N. *see* Vuille F.
Aspin C., Reipurth B., Herbig–Haro flows near compact reflection nebulae, **311,** 522
Asplund M. *see* Tyne V.H.
Asseo E., Riazuelo A., Relativistic anisotropic pair plasmas, **318,** 983

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Athanassoula E. *see* Leeuwin F.
Athanassoula E., Fady E., Lambert J.C., Bosma A., Optimal softening for force calculations in collisionless *N*-body simulations, **314,** 475
Audit E. *see* Simmons J.F.L.
Augusteijn T. *see* Arenas J.
Avelino P.P., Viana P.T.P., The cloud-in-cloud problem for non-Gaussian density fields, **314,** 354
Avelino P.P., Wu J.H.P., Shellard E.P.S., The cluster abundance in cosmic string models for structure formation, **318,** 329
Avila-Reese V. *see* Firmani C.
Axelrod T.S. *see* Alcock C.
Axon D. *see* Tadhunter C.N.
Axon D.J. *see* Corbett E.A.
Axon D.J. *see* Robinson T.G.
Axon D.J. *see* Tadhunter C.N.

Baba H. *see* Kato T.
Babcock D.D. *see* LeBlanc A.G.
Babu V.C. *see* Vuille F.
Baccigalupi C., Bedini L., Burigana C., De Zotti G., Farusi A., Maino D., Maris M., Perrotta F., Salerno E., Toffolatti L., Tonazzini A., Neural networks and the separation of cosmic microwave background and astrophysical signals in sky maps, **318,** 769
Baccigalupi C., Perrotta F., Effects of inflationary bubbles on the polarization and temperature anisotropies of the cosmic microwave background, **314,** 1
Bacon D.J., Refregier A.R., Ellis R.S., Detection of weak gravitational lensing by large-scale structure, **318,** 625
Baes M., Dejonghe H., De Rijcke S., Kinematics of elliptical galaxies with a diffuse dust component – II. Dust effects on kinematic modelling, **318,** 798
Baes M., Dejonghe H., Kinematics of elliptical galaxies with a diffuse dust component, **313,** 153
Bagla J.S. *see* Magliocchetti M.
Bagnulo S. *see* Lobel A.
Bailes M. *see* Wang N.
Bailey J. *see* Chrysostomou A.
Bailey J.A. *see* Alexander D.M.
Baker A. *see* Serjeant S.
Baker A.C. *see* Oliver S.
Baker J.E. *see* Robinson J.
Balcells M. *see* Oliver S.
Baldry I.K., Bedding T.R., Time-series spectroscopy of the rapidly oscillating Ap star HR 3831, **318,** 341
Baldwin J.E. *see* Young J.S.
Ballereau D. *see* Marchenko S.V.
Balogh M.L., Morris S.L., Hα photometry of Abell 2390, **318,** 703
Balona L.A. *see* Handler G.
Balona L.A., Mode identification using equivalent width variation of Balmer lines, **319,** 606
Balona L.A., The δ Scuti star 38 o^1 Eri, **318,** 289
Bałucińska-Church M., Church M.J., Discovery of a red- and blueshifted iron disc line in the Galactic jet source GRO J1655–40, **312,** L55
Bałucińska-Church M., Church M.J., Charles P.A., Nagase F., LaSala J., Barnard R., The distribution of X-ray dips with orbital phase in Cygnus X-1, **311,** 861
Banday A.J. *see* Barreiro R.B.
Baptista R., Catalán M.S., Costa L., Eclipse studies of the dwarf nova EX Draconis, **316,** 529
Baptista R., Harlaftis E.T., Steeghs D., Eclipse maps of spiral shocks in the accretion disc of IP Pegasi in outburst, **314,** 727
Baptista R., Silveira C., Steiner J.E., Horne K., Spatially resolved spectra of the accretion disc of the nova-like variable UU Aquarii, **314,** 713
Baraffe I., Kolb U., On the late spectral types of cataclysmic variable secondaries, **318,** 354
Barber A.J., Significant effects of weak gravitational lensing on determinations of the cosmology from Type Ia supernovae, **318,** 195
Barber A.J., Thomas P.A., Couchman H.M.P., Fluke C.J., Weak gravitational lensing in different cosmologies, using an algorithm for shear in three dimensions, **319,** 267
Barbosa D. *see* da Silva A.C.
Barcons X. *see* Mason K.O.
Barcons X. *see* Oliver S.
Barcons X., Mateos S., Ceballos M.T., On the intensity of the extragalactic X-ray background, **316,** L13
Bard S. *see* Vuille F.
Bardelli S. *see* Ettori S.
Bardelli S. *see* Venturi T.
Bardelli S., Zucca E., Zamorani G., Moscardini L., Scaramella R., A study of the core of the Shapley Concentration – IV. Distribution of intercluster galaxies and supercluster properties, **312,** 540
Barden M. *see* Oliver S.
Barger A.J. *see* Ivison R.J.
Barklem P.S., O'Mara B.J., Broadening of lines of Be II, Sr II and Ba II by collisions with hydrogen atoms and the solar abundance of strontium, **311,** 535
Barlow M.J. *see* Casassus S.
Barlow M.J. *see* Crawford I.A.
Barlow M.J. *see* Liu X.-W.
Barlow M.J. *see* Price R.J.
Barnaby D. *see* Bell E.F.
Barnard R. *see* Bałucińska-Church M.
Barnes J.E. *see* Bendo G.J.
Barnes J.R. *see* Hussain G.A.J.
Barnes J.R., Collier Cameron A., James D.J., Donati J.-F., Doppler images from dual-site observations of southern rapidly rotating stars – I. Differential rotation on PZ Tel, **314,** 162
Barone L.T., Heithausen A., Hüttemeister S., Fritz T., Klein U., Molecular gas in blue compact dwarf galaxies, **317,** 649
Barreiro R.B. *see* Cayón L.
Barreiro R.B., Hobson M.P., Lasenby A.N., Banday A.J., Górski K.M., Hinshaw G., Testing the Gaussianity of the *COBE* DMR data with spherical wavelets, **318,** 475
Barrow J.D., Bean R., Magueijo J., Can the Universe escape eternal acceleration?, **316,** L41
Barstow M.A., Dreizler S., Holberg J.B., Finley D.S., Werner K., Hubeny I., Sion E.M., The discovery of photospheric nickel in the hot DO white dwarf REJ 0503–289, **314,** 109
Bartelmann M. *see* Meneghetti M.
Bartzakos P. *see* Hill G.M.
Basilakos S. *see* Plionis M.
Basilakos S., Plionis M., Maddox S.J., The apparent and intrinsic shape of the APM galaxy clusters, **316,** 779
Bassani L. *see* Matt G.
Bate M.R., Bonnell I.A., Clarke C.J., Lubow S.H., Ogilvie G.I., Pringle J.E., Tout C.A., Observational implications of precessing protostellar discs and jets, **317,** 773
Bate M.R., Predicting the properties of binary stellar systems: the evolution of accreting protobinary systems, **314,** 33
Bateson F.M. *see* Hellier C.
Baturin V.A., Däppen W., Gough D.O., Vorontsov S.V., Seismology of the solar envelope: sound-speed gradient in the convection zone and its diagnosis of the equation of state, **316,** 71
Baugh C.M. *see* Benson A.J.
Baugh C.M. *see* Cole S.
Baugh C.M. *see* Hoyle F.
Baugh K.E. *see* Cinzano P.
Baum S.A. *see* Thean A.
Baykal A., Short-term pulse frequency fluctuations of OAO 1657–415 from *RXTE* observations, **313,** 637
Baykal A., Strohmayer T., Swank J., Alpar M.A., Stark M.J., Differences between the two anomalous X-ray pulsars: variations in the spin-down rate of 1E 1048.1–5937 and an extended interval of quiet spin-down in 1E 2259 + 586, **319,** 205
Bazell D., Feature relevance in morphological galaxy classification, **316,** 519
Beach T.E. *see* Handler G.
Bean R. *see* Barrow J.D.

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Beardmore A.P. *see* Hopwood M.E.L.
Beardmore A.P. *see* Norton A.J.
Beardmore A.P., Osborne J.P., Hellier C., The multi-temperature X-ray spectrum of the intermediate polar V1223 Sagittarii, **315,** 307
Beasley M.A., Sharples R.M., Bridges T.J., Hanes D.A., Zepf S.E., Ashman K.M., Geisler D., Ages and metallicities of globular clusters in NGC 4472, **318,** 1249
Beasley M.A., Sharples R.M., Spectroscopy of globular cluster candidates in the Sculptor group galaxies NGC 253 and 55, **311,** 673
Beck R. *see* Frick P.
Becker A.C. *see* Alcock C.
Beckett M.G. *see* Gray M.E.
Bedding T.R. *see* Baldry I.K.
Bedding T.R. *see* Jacob A.P.
Bedini L. *see* Baccigalupi C.
Bednarz J., Acceleration time-scale in an ultrarelativistic shock, **315,** L37
Beekman G., Somers M., Naylor T., Hellier C., A TiO study of the dwarf nova IP Pegasi, **318,** 9
Bell A.R. *see* Lucek S.G.
Bell Burnell S.J. *see* Ogley R.N.
Bell E.F., Barnaby D., Bower R.G., de Jong R.S., Harper D.A., Jr, Hereld M., Loewenstein R.F., Rauscher B.J., The star formation histories of low surface brightness galaxies, **312,** 470
Bell E.F., Bower R.G., Exploring the evolution of spiral galaxies, **319,** 235
Bell E.F., de Blok W.J.G., The bimodal spiral galaxy surface brightness distribution, **311,** 668
Bell E.F., de Jong R.S., The stellar populations of spiral galaxies, **312,** 497
Bell J.F. *see* Lyne A.G.
Bell K.L. *see* Charro E.
Bellas-Velidis I. *see* Oliver S.
Belvedere G., Kuzanyan K.M., Sokoloff D., A two-dimensional asymptotic solution for a dynamo wave in the light of the solar internal rotation, **315,** 778
Bendo G.J., Barnes J.E., The line-of-sight velocity distributions of simulated merger remnants, **316,** 315
Benford G., Tzach D., Coherent synchrotron emission observed: implications for radio astronomy, **317,** 497
Benn C.R. *see* Hernandez M.
Benn C.R. *see* Magliocchetti M.
Bennett D.P. *see* Alcock C.
Bennett S. *see* Fassia A.
Benson A.J., Baugh C.M., Cole S., Frenk C.S., Lacey C.G., The dependence of velocity and clustering statistics on galaxy properties, **316,** 107
Benson A.J., Bower R.G., Frenk C.S., White S.D.M., Diffuse X-ray emission from late-type galaxy haloes, **314,** 557
Benson A.J., Cole S., Frenk C.S., Baugh C.M., Lacey C.G., The nature of galaxy bias and clustering, **311,** 793
Benvenuto O.G. *see* Althaus L.G.
Benvenuto O.G. *see* Panei J.A.
Berendsen S.G.H., Fender R., Kuulkers E., Heise J., van der Klis M., Simultaneous radio and X-ray observations of Galactic Centre low-mass X-ray binaries, **318,** 599
Bergeron L. *see* Tadhunter C.N.
Berndsen A. *see* Chrysostomou A.
Berndsen A. *see* Davis C.J.
Bertelli G. *see* Binney J.
Beskin V.S., Okamoto I., On the magnetohydrodynamic decollimation in compact objects, **313,** 445
Beskin V.S., Rafikov R.R., On the particle acceleration near the light surface of radio pulsars, **313,** 433
Bessell M.S. *see* Murphy M.T.
Bessell M.S. *see* Stathakis R.A.
Best P.N., Röttgering H.J.A., Lehnert M.D., More redshifts of powerful equatorial radio sources from the Best, Röttgering & Lehnert sample, **315,** 21
Best P.N., Röttgering H.J.A., Longair M.S., Deep spectroscopy of distant 3CR radio galaxies: the data, **311,** 1
Best P.N., Röttgering H.J.A., Longair M.S., Ionization, shocks and evolution of the emission-line gas of distant 3CR radio galaxies, **311,** 23
Best P.N., The cluster environments of the $z \sim 1$ 3CR radio galaxies, **317,** 720
Bettens R.P.A. *see* Millar T.J.
Beuermann K. *see* Schwope A.D.
Bézecourt J. *see* Gray M.E.
Bhat B.C. *see* Vuille F.
Bhatnagar S., Confirmation of three candidate Galactic supernova remnants from GMRT observations, **317,** 453
Bianchi S., Ferrara A., Davies J.I., Alton P.B., Effects of clumping on the observed properties of dusty galaxies, **311,** 601
Bica E. *see* de Oliveira M.R.
Bica E. *see* Raimann D.
Bidelman W.P. *see* Cowley C.R.
Biémont E., Garnir H.P., Palmeri P., Li Z.S., Svanberg S., New *f*-values in neutral lead obtained by time-resolved laser spectroscopy, and astrophysical applications, **312,** 116
Biggs A.D. *see* Phillips P.M.
Biggs A.D., Xanthopoulos E., Browne I.W.A., Koopmans L.V.E., Fassnacht C.D., VLA 8.4-GHz monitoring observations of the CLASS gravitational lens B1933 + 503, **318,** 73
Bildsten L. *see* Ushomirsky G.
Billington I. *see* Morales-Rueda L.
Binette L. *see* Raga A.
Binney J. *see* Häfner R.
Binney J. *see* Jiang I.-G.
Binney J., Dehnen W., Bertelli G., The age of the solar neighbourhood, **318,** 658
Birch P.V. *see* Handler G.
Birkinshaw M. *see* Tansley D.
Birkinshaw M. *see* Werner P.N.
Bisnovatyi-Kogan G.S. *see* Timokhin A.N.
Blackman E.G. *see* Hartnoll S.A.
Blackman E.G., Field G.B., Coronal activity from dynamos in astrophysical rotators, **318,** 724
Blain A.W. *see* Fabian A.C.
Blain A.W. *see* Ivison R.J.
Blain A.W. *see* Peacock J.A.
Blain A.W., Frayer D.T., Bock J.J., Scoville N.Z., Millimetre/submillimetre-wave emission-line searches for high-redshift galaxies, **313,** 559
Blain A.W., Natarajan P., Gamma-ray bursts and the history of star formation, **312,** L35
Blair A.J., Stewart G.C., Georgantopoulos I., Boyle B.J., Griffiths R.E., Shanks T., Almaini O., A deep *ROSAT* survey – XV. The average QSO spectrum and its evolution, **314,** 138
Bland-Hawthorn J. *see* Calcáneo-Roldán C.
Bland-Hawthorn J. *see* Tadhunter C.N.
Blandford R.D. *see* Phillips P.M.
Blank D.L., Cram L.E., H I and radio continuum study of the isolated SBa Seyfert galaxy NGC 3783, **312,** 247
Bleach J.N., Wood J.H., Catalán M.S., Welsh W.F., Robinson E.L., Skidmore W., Observations of the post-common-envelope binaries EG UMa and PG 1026 + 002, **312,** 70
Blondel C. *see* Caplan J.
Blundell K.M. *see* Lucas P.W.
Blundell K.M. *see* Willott C.J.
Bock J.J. *see* Blain A.W.
Bode M.F. *see* Eyres S.P.S.
Bode M.F. *see* Watson S.K.
Bogovalov S.V., Aharonian F.A., Very-high-energy gamma radiation associated with the unshocked wind of the Crab pulsar, **313,** 504
Bohigas J., Tapia M., Ruiz M.T., Roth M., Possible detection of an old bipolar shell associated with η Carinae, **312,** 295
Böhringer H. *see* Collins C.A.
Boissier S. *see* Prantzos N.

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Boissier S., Prantzos N., Chemo-spectrophotometric evolution of spiral galaxies – II. Main properties of present-day disc galaxies, **312,** 398
Boldt E., Loewenstein M., Cosmic ray generation by quasar remnants: constraints and implications, **316,** L29
Boller Th., Fabian A.C., Brandt W.N., Freyberg M.J., *ROSAT* PSPC detection of soft X-ray absorption in GB 1428 + 4217: the most distant matter yet probed with X-ray spectroscopy, **315,** L23
Bolzonella M. *see* Meneghetti M.
Bondi M., Parma P., de Ruiter H., Fanti R., Laing R.A., Fomalont E.B., The radio jets in B2 0755 + 379, **314,** 11
Bonnell I.A. *see* Bate M.R.
Bonnell I.A. *see* Smith K.W.
Bontekoe Tj.R. *see* Stanimirovic S.
Booth A.J. *see* Davis J.
Booth R.S. *see* Caswell J.L.
Bord D.J. *see* Cowley C.R.
Börner G. *see* Lin W.P.
Boroson T. *see* Hughes D.H.
Borozdin K.N. *see* Revnivtsev M.G.
Borys C. *see* Chapman S.C.
Bosma A. *see* Athanassoula E.
Botha G.J.J. *see* Keenan F.P.
Bottorff M.C., Ferland G.J., Magnetic confinement, magnetohydrodynamic waves and smooth line profiles in active galactic nuclei, **316,** 103
Bouchet F.R. *see* Prunet S.
Bouvier J. *see* Clarke C.J.
Bower R. *see* Mason K.O.
Bower R.G. *see* Abadi M.G.
Bower R.G. *see* Bell E.F.
Bower R.G. *see* Benson A.J.
Bowyer S. *see* Brosch N.
Boyle B.J. *see* Almaini O.
Boyle B.J. *see* Blair A.J.
Boyle B.J. *see* Brown M.J.I.
Boyle B.J. *see* Londish D.
Boyle B.J. *see* Schade D.J.
Boyle B.J. *see* Smith R.J.
Boyle B.J. *see* Stathakis R.A.
Boyle B.J., Shanks T., Croom S.M., Smith R.J., Miller L., Loaring N., Heymans C., The 2dF QSO Redshift Survey – I. The optical luminosity function of quasi-stellar objects, **317,** 1014
Boysen R.C. *see* Young J.S.
Bradley P.A. *see* Vuille F.
Branchini E. *see* Monaco P.
Branchini E. *see* Nusser A.
Branchini E. *see* Szapudi I.
Branchini E., Zehavi I., Plionis M., Dekel A., Cluster versus POTENT density and velocity fields: cluster biasing and Ω, **313,** 491
Brandenburg A. *see* Torkelsson U.
Brandenburg A. *see* Urpin V.
Brandt W.N. *see* Boller Th.
Brandt W.N. *see* Collinge M.J.
Brandt W.N. *see* Lee J.C.
Brandt W.N. *see* Mason K.O.
Branduardi-Raymont G. *see* Mason K.O.
Brassard P. *see* Vuille F.
Breger M. *see* Handler G.
Breger M., The multiperiodic δ Scuti star 4 Canum Venaticorum: amplitude variability, **313,** 129
Bremer M.N. *see* Snellen I.A.G.
Bressan A. *see* Cojazzi P.
Bridges T.J. *see* Beasley M.A.
Bridges T.J. *see* Sullivan M.
Bridle S.L. *see* Lahav O.
Briggs K.R., Pye J.P., Jeffries R.D., Totten E.J., X-ray source populations in the region of the open clusters NGC 6633 and IC 4756, **319,** 826
Brinchmann J. *see* Le Fèvre O.
Brink J. *see* Handler G.
Bristow P.D. *see* Phillipps S.
Broadhurst T. *see* Le Fèvre O.
Brocksopp C. *see* Fender R.P.
Brodie J.P. *see* Brown R.J.N.
Brodie J.P. *see* Forbes D.A.
Brook A. *see* Brosch N.
Brooke J. *see* Moss D.
Brooks K.J., Burton M.G., Rathborne J.M., Ashley M.C.B., Storey J.W.V., Unlocking the Keyhole: H_2^* and PAH emission from molecular clumps in the Keyhole Nebula, **319,** 95
Brosch N. *see* Heller A.B.
Brosch N., Almoznino E., Engels D., Bowyer S., Lampton M., FAUST observations near the North Galactic Pole, **316,** 58
Brosch N., Brook A., Wisotzki L., Almoznino E., Prialnik D., Bowyer S., Lampton M., *FAUST* observations in the Fourth Galactic Quadrant, **313,** 641
Brosius J.W. *see* Keenan F.P.
Brown D.W., Chandler C.J., Carlstrom J.E., Hills R.E., Lay O.P., Matthews B.C., Richer J.S., Wilson C.D., A submillimetre survey for protostellar accretion discs using the JCMT–CSO interferometer, **319,** 154
Brown M.J.I., Webster R.L., Boyle B.J., The clustering of colour-selected galaxies, **317,** 782
Brown P. *see* LeBlanc A.G.
Brown P., Arlt R., Detailed visual observations and modelling of the 1998 Leonid shower, **319,** 419
Brown R.J.N., Forbes D.A., Kissler-Patig M., Brodie J.P., Imaging of the protoelliptical NGC 1700 and its globular cluster system, **317,** 406
Browne I.W.A. *see* Biggs A.D.
Browne I.W.A. *see* Jackson N.
Browne I.W.A. *see* Phillips P.M.
Brüggen M., Probing solar convection, **312,** 887
Bruscoli M., Ferrara A., Fabbri R., Ciardi B., Cosmic microwave background anisotropies resulting from feedback-regulated inhomogeneous reionization, **318,** 1068
Bryce M. *see* Liu X.-W.
Bryce M. *see* Meaburn J.
Bryce M. *see* Redman M.P.
Buckley D.A.H. *see* Norton A.J.
Buckley D.A.H. *see* Ramsay G.
Buckley D.A.H. *see* Vuille F.
Buckley D.A.H., Cropper M., van der Heyden K., Potter S.B., Wickramasinghe D.T., Polarimetry and spectroscopy of RX J1141.3–6410: a single-pole AM Her system, **318,** 187
Budaj J. *see* Dworetsky M.M.
Bulik T., Rudak B., Dyks J., Spectral features in gamma-rays expected from millisecond pulsars, **317,** 97
Bunn E.F., Scott D., A preferred-direction statistic for sky maps, **313,** 331
Buonomo F., Carraro G., Chiosi C., Lia C., Galaxy formation and evolution – II. Energy balance, star formation and feedback, **312,** 371
Buote D.A. *see* White D.A.
Buote D.A., X-ray evidence for multiphase hot gas with nearly solar Fe abundances in the brightest groups of galaxies, **311,** 176
Burgasser A.J. *see* Gizis J.E.
Burgos-Martín J. *see* Mason K.O.
Burigana C. *see* Baccigalupi C.
Burkert A. *see* Hozumi S.
Burkert A. *see* Kessel-Deynet O.
Burleigh M.R. *see* Hernandez M.
Burleigh M.R. *see* Hopwood M.E.L.
Burleigh M.R. *see* Wheatley P.J.
Burton M.G. *see* Brooks K.J.
Burton M.G. *see* Lee J.-K.
Butler R.C. *see* Malizia A.
Byrne P.B. *see* Amado P.J.

Cabrera-Guerra F. *see* Mason K.O.
Cabrera-Guerra F. *see* Oliver S.

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Cagnoni I. *see* Uttley P.
Calcáneo-Roldán C., Moore B., Bland-Hawthorn J., Malin D., Sadler E.M., Galaxy destruction and diffuse light in clusters, **314,** 324
Caliskan H. *see* Adelman S.J.
Camilo F. *see* Lyne A.G.
Campana S. *see* Israel G.L.
Campbell C.G., An accretion disc model with a magnetic wind and turbulent viscosity, **317,** 501
Campbell M.D. *see* LeBlanc A.G.
Campos A. *see* McCracken H.J.
Cañas A.D. *see* Michaille L.
Canavezes A. *see* Rowan-Robinson M.
Cannon D.B. *see* Lloyd-Davies E.J.
Cantó J. *see* Raga A.
Cantó J., Raga A.C., D'Alessio P., Analytic solutions to the problem of jets with time-dependent injection velocities, **313,** 656
Canuto V.M., Turbulence and laminar structures: can they co-exist?, **317,** 985
Capalbi M. *see* Malizia A.
Capetti A., Trussoni E., Celotti A., Feretti L., Chiaberge M., Spectral energy distributions of FR I nuclei and the FR I/BL Lac unifying model, **318,** 493
Caplan J. *see* Deharveng L.
Caplan J., Deharveng L., Peña M., Costero R., Blondel C., Oxygen and helium abundances in Galactic H II regions – I. Observations, **311,** 317
Capuano N. *see* Andreon S.
Caputo F., Castellani V., Marconi M., Ripepi V., Pulsational M_V versus [Fe/H] relation(s) for globular cluster RR Lyrae variables, **316,** 819
Carballo R. *see* Mason K.O.
Carballo R. *see* Oliver S.
Carlstrom J.E. *see* Brown D.W.
Carollo C.M. *see* Evans N.W.
Carramiñana A. *see* Saunders W.
Carraro G. *see* Buonomo F.
Carraro G. *see* Lia C.
Carrera F.J. *see* Mason K.O.
Carrera F.J. *see* Page M.J.
Carretta E., Gratton R.G., Clementini G., On the existence of differences in luminosity between horizontal branch stars in globular clusters and in the field, **316,** 721
Carswell R.F. *see* Liske J.
Carter B.D. *see* Donati J.-F.
Carter D. *see* Wilkinson A.
Casares J. *see* Shahbaz T.
Casares J. *see* Zurita C.
Casassus S., Roche P.F., Barlow M.J., The coronal line regions of planetary nebulae NGC 6302 and 6537: 3–13 μm grating and echelle spectroscopy, **314,** 657
Casertano S. *see* Lattanzi M.G.
Cassisi S., Castellani V., Ciarcelluti P., Piotto G., Zoccali M., Galactic globular clusters as a test for very-low-mass stellar models, **315,** 679
Castander F. *see* Mason K.O.
Castellani V. *see* Caputo F.
Castellani V. *see* Cassisi S.
Castellanos M. *see* Díaz A.I.
Caswell J.L., Yi J., Booth R.S., Cragg D.M., Methanol masers at 107.0 and 156.6 GHz, **313,** 599
Catalán M.S. *see* Arenas J.
Catalán M.S. *see* Baptista R.
Catalán M.S. *see* Bleach J.N.
Catalán M.S. *see* Schwope A.D.
Catelan P., Porciani C., Kamionkowski M., Two ways of biasing galaxy formation, **318,** L39
Cattaneo F. *see* Thelen J.-C.
Cavaliere A. *see* Menci N.
Cawthorne T.V. *see* Gabuzda D.C.
Cay I.H. *see* Adelman S.J.
Cayón L., Sanz J.L., Barreiro R.B., Martínez-González E., Vielva P., Toffolatti L., Silk J., Diego J.M., Argüeso F., Isotropic wavelets: a powerful tool to extract point sources from cosmic microwave background maps, **315,** 757
Ceballos M.T. *see* Barcons X.
Cecchi-Pestellini C. *see* Scappini F.
Cecchi-Pestellini C., Dalgarno A., H_3^+ in diffuse interstellar gas, **313,** L6
Celidonio G. *see* Malizia A.
Celotti A. *see* Capetti A.
Celotti A. *see* Ghisellini G.
Cesarsky C. *see* Serjeant S.
Cesarsky C.J. *see* Efstathiou A.
Cesarsky C.J. *see* Oliver S.
Chakrabarti S.K., Mukhopadhyay B., Scattering of Dirac waves off Kerr black holes, **317,** 979
Chakraborty D.K., Thakur P., Projected properties of triaxial modified Hubble mass models, **318,** 1273
Challinor A.D., Ford M.T., Lasenby A.N., Thermal and kinematic corrections to the microwave background polarization induced by galaxy clusters along the line of sight, **312,** 159
Chan R., Radiating gravitational collapse with shear viscosity, **316,** 588
Chandler C.J. *see* Brown D.W.
Chandrasekhar T. *see* Tej A.
Chang H.-Y. *see* Appourchaux T.
Chang K. *see* Han C.
Chaplin W.J., Appourchaux T., Elsworth Y., Isaak G.R., Miller B.A., New R., Source of excitation of low-ℓ solar p modes: characteristics and solar-cycle variations, **314,** 75
Chaplin W.J., Elsworth Y., Isaak G.R., Miller B.A., New R., Variations in the excitation and damping of low-ℓ solar p modes over the solar activity cycle, **313,** 32
Chapman S.C. *see* Lewis G.F.
Chapman S.C., Morris S.L., Alonso-Herrero A., Falcke H., Adaptive optics near-infrared imaging of NGC 2992 – unveiling core structures related to radio figure-of-8 loops, **314,** 263
Chapman S.C., Morris S.L., Walker G.A.H., Near-infrared adaptive optics imaging of nuclear spiral structure in the Seyfert galaxy NGC 3227, **319,** 666
Chapman S.C., Scott D., Steidel C.C., Borys C., Halpern M., Morris S.L., Adelberger K.L., Dickinson M., Giavalisco M., Pettini M., A search for the submillimetre counterparts to Lyman break galaxies, **319,** 318
Charles P.A. *see* Alcock C.
Charles P.A. *see* Bałucińska-Church M.
Charles P.A. *see* Kong A.K.H.
Charles P.A. *see* Shahbaz T.
Charles P.A. *see* Webb N.A.
Charles P.A. *see* Zurita C.
Charro E., Bell K.L., Martin I., Hibbert A., K-shell photoionization cross-sections of N V and O VI, **313,** 247
Chatterjee S. *see* Gaensler B.M.
Chaubey U.S. *see* Gopal-Krishna
Chauville J. *see* Marchenko S.V.
Chavez M. *see* Cojazzi P.
Chen X. *see* Li K.
Cheng K.S. *see* Lu Y.
Cheng Q.L. *see* Xiong D.R.
Chengalur J.N., Kanekar N., Implications of 21-cm observations for damped Lyα systems, **318,** 303
Chernin A.D., Dolgachev V.P., Domozhilova L.M., Wide triplets of galaxies: collapse on spatial scales of ~1 Mpc, **319,** 851
Chernin A.D., Using *Hubble Space Telescope* images to identify straight segments in galaxy nuclear spirals, **318,** L7
Chevalier R. *see* Fox D.W.
Chiaberge M. *see* Capetti A.
Chiang L.-Y., Coles P., Phase information and the evolution of cosmological density perturbations, **311,** 809
Chincarini G. *see* Collins C.A.
Chincarini G. *see* Firmani C.

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Chiosi C. *see* Buonomo F.
Chizhov M.V. *see* Kirilova D.P.
Chodorowski M. *see* Kudlicki A.
Chodorowski M.J., Comparing the redshift-space density field with the real-space velocity field, **318,** 375
Christensen-Dalsgaard J. *see* Monteiro M.J.P.F.G.
Chrysostomou A. *see* Clark S.
Chrysostomou A. *see* Davis C.J.
Chrysostomou A., Gledhill T.M., Ménard F., Hough J.H., Tamura M., Bailey J., Polarimetry of young stellar objects – III. Circular polarimetry of OMC-1, **312,** 103
Chrysostomou A., Hobson J., Davis C.J., Smith M.D., Berndsen A., High-resolution near-infrared observations of Herbig–Haro flows – I. H_2 imaging and proper motions, **314,** 229
Chrysostomou A.C. *see* Hernandez M.
Churazov E. *see* Gilfanov M.
Church M.J. *see* Bałucińska-Church M.
Chuzhoy L., Nusser A., Self-similar collapse of collisional gas in an expanding universe, **319,** 797
Ciarcelluti P. *see* Cassisi S.
Ciardi B. *see* Bruscoli M.
Ciardi B. *see* Schneider R.
Ciardi B., Ferrara A., Governato F., Jenkins A., Inhomogeneous reionization of the intergalactic medium regulated by radiative and stellar feedbacks, **314,** 611
Ciardi D.R. *see* Dhillon V.S.
Ciardi D.R. *see* Littlefair S.P.
Ciardi D.R. *see* Mason E.
Ciardi D.R. *see* Skidmore W.
Ciliegi P. *see* Oliver S.
Cimatti A., Villani D., Pozzetti L., di Serego Alighieri S., The density of extremely red objects around high-z radio-loud active galactic nuclei, **318,** 453
Cinzano P., Falchi F., Elvidge C.D., Baugh K.E., The artificial night sky brightness mapped from DMSP satellite Operational Linescan System measurements, **318,** 641
Ćirković M.M., Lanzetta K.M., On the small-scale clustering of the Lyα forest clouds, **315,** 473
Clark S., McCall A., Chrysostomou A., Gledhill T., Yates J., Hough J., Polarization models of young stellar objects – II. Linear and circular polarimetry of R Coronae Australis, **319,** 337
Clark T.A. *see* Naylor D.A.
Clarke C.J. *see* Bate M.R.
Clarke C.J., Bouvier J., A comparison of the rotational properties of T Tauri stars in Orion and Taurus, **319,** 457
Claver C.F. *see* Handler G.
Clemens J.C. *see* van Kerkwijk M.H.
Clemens J.C. *see* Vuille F.
Clemens J.C., van Kerkwijk M.H., Wu Y., Mode identification from time-resolved spectroscopy of the pulsating white dwarf G29-38, **314,** 220
Clemens M.S., Alexander P., Green D.A., Ram-pressure stripping of the interstellar medium in NGC 4485, **312,** 236
Clementini G. *see* Carretta E.
Clements D.L. *see* Dunne L.
Clements D.L. *see* Gear W.K.
Clements D.L. *see* Oliver S.
Clements D.L. *see* Serjeant S.
Clements D.L., Far-infrared-loud quasars – I. Disturbed and quiescent quasars in the PG survey, **311,** 833
Clements D.L., Red companions to a $z = 2.15$ radio-loud quasar, **312,** L61
Codella C. *see* Scappini F.
Coe M.J. *see* Reig P.
Coe M.J., Haigh N.J., Reig P., The SMC X-ray transient XTE J0111.2–7317: a Be/X-ray binary in a supernova remnant?, **314,** 290
Coe M.J., Orosz J.A., OGLE observations of four X-ray binary pulsars in the Small Magellanic Cloud, **311,** 169
Coffey I.H. *see* Keenan F.P.
Cohen M. *see* Liu X.-W.
Cohen R.J. *see* Yates J.A.
Cojazzi P., Bressan A., Lucchin F., Pantano O., Chavez M., Zero-metallicity stellar sources and the reionization epoch, **315,** L51
Colberg J. *see* Colombi S.
Colberg J. *see* Szapudi I.
Colberg J.M., White S.D.M., MacFarland T.J., Jenkins A., Pearce F.R., Frenk C.S., Thomas P.A., Couchman H.M.P., Peculiar velocities of galaxy clusters, **313,** 229
Colberg J.M., White S.D.M., Yoshida N., MacFarland T.J., Jenkins A., Frenk C.S., Pearce F.R., Evrard A.E., Couchman H.M.P., Efstathiou G., Peacock J.A., Thomas P.A. (The Virgo Consortium), Clustering of galaxy clusters in cold dark matter universes, **319,** 209
Cole S. *see* Benson A.J.
Cole S., Lacey C.G., Baugh C.M., Frenk C.S., Hierarchical galaxy formation, **319,** 168
Coles P. *see* Chiang L.-Y.
Coles P. *see* Munshi D.
Coles P. *see* Pan J.
Coletta A. *see* Malizia A.
Collander-Brown S., Maran M., Williams I.P., The effect on the Edgeworth–Kuiper Belt of a large distant tenth planet, **318,** 101
Colless M. *see* Le Fèvre O.
Collett J.L. *see* Yates J.A.
Collier Cameron A. *see* Barnes J.R.
Collier Cameron A. *see* Donati J.-F.
Collier Cameron A. *see* Hussain G.A.J.
Collier Cameron A. *see* James D.J.
Collinge M.J., Brandt W.N., Compton-thick X-ray absorption in the Seyfert galaxies Tololo 0109–383 and ESO 138–G1, **317,** L35
Collins C.A., Guzzo L., Böhringer H., Schuecker P., Chincarini G., Cruddace R., De Grandi S., MacGillivray H.T., Neumann D.M., Schindler S., Shaver P., Voges W., The *ROSAT*–ESO Flux-Limited X-ray (REFLEX) galaxy cluster survey – II. The spatial correlation function, **319,** 939
Colombi S. *see* Szapudi I.
Colombi S., Szapudi I., Jenkins A., Colberg J., Experimental cosmic statistics – I. Variance, **313,** 711
Comastri A. *see* Vignali C.
Conway J.T., Analytical solutions for the Newtonian gravitational field induced by matter within axisymmetric boundaries, **316,** 540
Conway J.T., Exact solutions for the gravitational potential of a family of heterogeneous spheroids, **316,** 555
Cook K.H. *see* Alcock C.
Cooke J.A., Reid I.N., High proper motion stars in Kapteyn Selected Area 94, **318,** 1206
Cooray A.R., Galaxy clusters: oblate or prolate?, **313,** 783
Copin Y., Zhao H.S., de Zeeuw P.T., Probing a regular orbit with spectral dynamics, **318,** 781
Corbelli E., Salucci P., The extended rotation curve and the dark matter halo of M33, **311,** 441
Corbett E.A., Robinson A., Axon D.J., Hough J.H., A Seyfert-like nucleus concealed in BL Lacertae?, **311,** 485
Corbett E.A., Robinson A., Axon D.J., Young S., Spectropolarimetry of broad Hα lines in radio galaxies: constraints on the geometry of the broad-line and scattering regions, **319,** 685
Corcoran M.F. *see* Marchenko S.V.
Corcoran M.F. *see* Pittard J.M.
Corcoran M.F. *see* Rauw G.
Correll R.R. *see* LeBlanc A.G.
Cossburn M.R. *see* Pinfield D.J.
Costa J.E.S. *see* Handler G.
Costa L. *see* Baptista R.
Costero R. *see* Caplan J.
Costero R. *see* Deharveng L.
Costero R. *see* Marchenko S.V.
Cotter G. *see* Magliocchetti M.
Couch W.J. *see* Phillipps S.
Couchman H.M.P. *see* Barber A.J.
Couchman H.M.P. *see* Colberg J.M.
Couchman H.M.P. *see* Kay S.T.
Couchman H.M.P. *see* Pearce F.R.

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Couchman H.M.P. *see* Thacker R.J.
Couchman H.M.P. *see* Tittley E.R.
Coulson I.M. *see* Davis C.J.
Coulson I.M. *see* Greaves J.S.
Covatto C., Aannestad P.A., Sputtering in the outflows of cool stars, **318,** 67
Covino S. *see* Israel G.L.
Cowie L.L. *see* Ivison R.J.
Cowley C.R., Ryabchikova T., Kupka F., Bord D.J., Mathys G., Bidelman W.P., Abundances in Przybylski's star, **317,** 299
Crabtree D. *see* Pierce M.J.
Cragg D.M. *see* Caswell J.L.
Crake P. *see* Handler G.
Cram L.E. *see* Blank D.L.
Crampton D. *see* Le Fèvre O.
Crause L.A. *see* Handler G.
Crawford C.S. *see* Ebeling H.
Crawford C.S. *see* Fabian A.C.
Crawford C.S. *see* Wilman R.J.
Crawford C.S., Vanderriest C., Optical integral field spectroscopy of the extended line emission around six radio-loud quasars, **315,** 433
Crawford F. *see* Lyne A.G.
Crawford I.A. *see* Price R.J.
Crawford I.A., A study of interstellar Na I D absorption lines towards the Lupus molecular clouds, **317,** 996
Crawford I.A., Barlow M.J., Ultra-high-resolution observations of circumstellar K I and C_2 around the post-AGB star HD 56126, **311,** 370
Crawford I.A., Howarth I.D., Ryder S.D., Stathakis R.A., κ Velorum: another variable interstellar sightline?, **319,** L1
Crockett H. *see* Oliver S.
Crockett H. *see* Serjeant S.
Croom S.M. *see* Boyle B.J.
Cropper M. *see* Buckley D.A.H.
Cropper M. *see* Potter S.B.
Cropper M. *see* Ramsay G.
Crowther P.A. *see* Dessart L.
Cruddace R. *see* Collins C.A.
Cruz N. *see* del Campo S.
Cunha M.S., Gough D., Magnetic perturbations to the acoustic modes of roAp stars, **319,** 1020
Cutler C. *see* Ushomirsky G.
Czerny B. *see* Janiuk A.
Czerny B. *see* Karas V.
Czerny B. *see* Różańska A.

da Silva A.C., Barbosa D., Liddle A.R., Thomas P.A., Hydrodynamical simulations of the Sunyaev–Zel'dovich effect, **317,** 37
Dabrowski Y., Hall M.J., Sawicki I.L., Lasenby A.N., Microwave background anisotropies arising from non-linear structures in open and Λ universes, **318,** 393
Dai Z.G. *see* Huang Y.F.
Dai Z.G. *see* Wang X.Y.
Dainty J.C. *see* Michaille L.
D'Alessio P. *see* Cantó J.
Dalgarno A. *see* Cecchi-Pestellini C.
Dalgarno A. *see* Scappini F.
Dalgarno A. *see* Yan M.
Dalton G.B. *see* Gaztañaga E.
D'Amico N. *see* Lyne A.G.
Danchi W.C. *see* McCutcheon W.H.
Danese L. *see* Efstathiou A.
Danese L. *see* Monaco P.
Danese L. *see* Oliver S.
Danese L. *see* Salucci P.
Danese L. *see* Serjeant S.
Danziger I.J. *see* Liu X.-W.
Dapergolas A. *see* Oliver S.
Däppen W. *see* Baturin V.A.
Das M. *see* Wills K.A.
Das T.K., Thermally driven outflows from pair-plasma pressure-mediated shock surfaces around Schwarzschild black holes, **318,** 294
Davies J.I. *see* Bianchi S.
Davies M.B. *see* Holland K.
Davies M.B. *see* Kolb U.
Davies R.D. *see* Giardino G.
Davies R.D. *see* Harrison D.L.
Davies R.I. *see* Sugai H.
Davies R.L. *see* Smith R.J.
Davis C.J. *see* Chrysostomou A.
Davis C.J., Berndsen A., Smith M.D., Chrysostomou A., Hobson J., High-resolution near-infrared observations of Herbig–Haro flows – II. Echelle spectroscopy, **314,** 241
Davis C.J., Dent W.R.F., Matthews H.E., Coulson I.M., McCaughrean M.J., Observations of a curving molecular outflow from V380 Ori-NE: further support for prompt entrainment in protostellar outflows, **318,** 952
Davis C.J., Smith M.D., Eislöffel J., New, high-resolution, near-infrared observations of HH 1, **318,** 747
Davis G.R. *see* Naylor D.A.
Davis J., Tango W.J., Booth A.J., Limb-darkening corrections for interferometric uniform disc stellar angular diameters, **318,** 387
Davis M. *see* Lahav O.
Davis R.J. *see* Eyres S.P.S.
Davis R.J. *see* Giardino G.
Davis R.J. *see* Harrison D.L.
Davis R.J. *see* Watson S.K.
de Avillez M.A., Disc–halo interaction – I. Three-dimensional evolution of the Galactic disc, **315,** 479
de Blok W.J.G. *see* Bell E.F.
de Bruyn A.G. *see* Phillips P.M.
de Bruyn A.G. *see* Schoenmakers A.P.
de Bruyn A.G. *see* Snellen I.A.G.
De Bruyne V., Leeuwin F., Dejonghe H., Approximate third integrals for axisymmetric potentials using local Stäckel fits, **311,** 297
De Grandi S. *see* Collins C.A.
De Grandi S. *see* Ettori S.
De Grandi S. *see* Moscardini L.
de Grijs R., Peletier R.F., Tracing the vertical composition of disc galaxies through colour gradients, **313,** 800
de Jager O.C. *see* Meintjes P.J.
de Jong R.S. *see* Bell E.F.
de Koter A. *see* Hyung S.
de Oliveira M.R., Bica E., Dottori H., Final stages of *N*-body star cluster encounters, **311,** 589
De Propris R., How galaxies disguise their ages, **316,** L9
De Rijcke S. *see* Baes M.
de Ruiter H. *see* Bondi M.
de Zeeuw P.T. *see* Copin Y.
de Zeeuw P.T. *see* Evans N.W.
de Zeeuw P.T. *see* Helmi A.
De Zotti G. *see* Baccigalupi C.
Deeg H.J. *see* Fassia A.
Deharveng L. *see* Caplan J.
Deharveng L., Peña M., Caplan J., Costero R., Oxygen and helium abundances in Galactic H II regions – II. Abundance gradients, **311,** 329
Dehnen W. *see* Binney J.
Dehnen W. *see* Häfner R.
Dejonghe H. *see* Baes M.
Dejonghe H. *see* De Bruyne V.
Dekel A. *see* Branchini E.
Dekel A. *see* Somerville R.S.
del Campo S., Cruz N., A critical-density closed universe in Brans–Dicke theory, **317,** 825
Demiański M., Doroshkevich A.G., Müller V., Turchaninov V., Statistical characteristics of simulated walls, **318,** 665
Demiański M., Doroshkevich A.G., Turchaninov V., Properties of the observed Lyα forest, **318,** 1189

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Demiański M., Doroshkevich A.G., Turchaninov V., Redshift distribution of Lyα lines and metal systems, **318,** 1177
Deng L. *see* Xiong D.R.
Denissenkov P.A., Tout C.A., On a physical mechanism for extra mixing in globular cluster red giants, **316,** 395
Dent W.R.F. *see* Davis C.J.
Dent W.R.F., Walker H.J., Holland W.S., Greaves J.S., Models of the dust structures around Vega-excess stars, **314,** 702
Deshpande A.A., The small-scale structure in interstellar H I: a resolvable puzzle, **317,** 199
Dessart L., Crowther P.A., Hillier D.J., Willis A.J., Morris P.W., van der Hucht K.A., Quantitative analysis of WC stars: constraints on neon abundances from *ISO*-SWS spectroscopy, **315,** 407
Devereux N. *see* Pinfield D.J.
Dewangan G.C., Singh K.P., Mayya Y.D., Anupama G.C., Active nucleus in a post-starburst galaxy: KUG 1259 + 280, **318,** 309
Dhillon V.S. *see* Littlefair S.P.
Dhillon V.S. *see* Mason E.
Dhillon V.S. *see* Skidmore W.
Dhillon V.S., Littlefair S.P., Howell S.B., Ciardi D.R., Harrop-Allin M.K., Marsh T.R., Infrared spectroscopy of cataclysmic variables – III. Dwarf novae below the period gap and nova-like variables, **314,** 826
Di Ciolo L. *see* Malizia A.
Di Matteo T. *see* Allen S.W.
Di Matteo T. *see* Merloni A.
Di Matteo T., Quataert E., Allen S.W., Narayan R., Fabian A.C., Low-radiative-efficiency accretion in the nuclei of elliptical galaxies, **311,** 507
Di Paola A. *see* Israel G.L.
di Serego Alighieri S. *see* Cimatti A.
Diaferio A. *see* Schmalzing J.
Díaz A.I. *see* Jiménez-Benito L.
Díaz Á.I. *see* Sánchez-Portal M.
Díaz A.I., Álvarez Álvarez M., Terlevich E., Terlevich R., Sánchez Portal M., Aretxaga I., *V*, *R*, *I* and Hα photometry of circumnuclear star-forming regions in four galaxies with different levels of nuclear activity, **311,** 120
Díaz A.I., Castellanos M., Terlevich E., García-Vargas M.L., Chemical abundances and ionizing clusters of H II regions in the LINER galaxy NGC 4258, **318,** 462
Díaz A.I., Pérez-Montero E., An empirical calibration of nebular abundances based on the sulphur emission lines, **312,** 130
Dickinson A.S., Gadéa F.X., LiH formation by radiative association in $Li^+ + H^-$ collisions, **318,** 1227
Dickinson M. *see* Chapman S.C.
Diego J.M. *see* Cayón L.
Dieters S.W., van der Klis M., The timing properties of Sco X-1 along its Z track with *EXOSAT*, **311,** 201
Ding M.D., Fang C., The role of non-thermal electrons in the optical continuum of stellar flares, **317,** 867
Ding S.-X., Yang L.-T., Wu X.-B., Lu Y., The radial–azimuthal instability of a hot two-temperature accretion disc with advection, **317,** 737
Djurašević G. *see* Skopal A.
Dodelson S., Gaztañaga E., Inverting the angular correlation function, **312,** 774
Dolgachev V.P. *see* Chernin A.D.
Dolphin A.E., The star formation histories of two northern LMC fields, **313,** 281
Domozhilova L.M. *see* Chernin A.D.
Donas J. *see* Sullivan M.
Donati J.-F. *see* Barnes J.R.
Donati J.-F. *see* Hussain G.A.J.
Donati J.-F. *see* Kitchatinov L.L.
Donati J.-F. *see* Wade G.A.
Donati J.-F., Mengel M., Carter B.D., Marsden S., Collier Cameron A., Wichmann R., Surface differential rotation and prominences of the Lupus post T Tauri star RX J1508.6–4423, **316,** 699
Dong C.Z. *see* Fritzsche S.
D'Onghia E. *see* Firmani C.
Doroshkevich A.G. *see* Demiański M.
Doroshkevich A.G., Fong R., McCracken H.J., Ratcliffe A., Shanks T., Turchaninov V.I., Superlarge-scale structure in the Durham/UKST Galaxy Redshift Survey, **315,** 767
Dottori H. *see* de Oliveira M.R.
Dougherty S.M., Williams P.M., Non-thermal emission in Wolf–Rayet stars: are massive companions required?, **319,** 1005
Dougherty S.M., Williams P.M., Pollacco D.L., WR 146 – observing the OB-type companion, **316,** 143
Douglas N.G., Gerssen J., Kuijken K., Merrifield M.R., Using slitless spectroscopy to study the kinematics of the planetary nebula population in M94, **316,** 795
Doyle J.G. *see* Amado P.J.
Doyle J.G. *see* Lobel A.
Doyon R. *see* Pérez-Ramírez D.
Drake A.J. *see* Alcock C.
Drake N., Merrifield M.R., Sakelliou I., Pinkney J.C., X-ray wakes in Abell 160, **314,** 768
Drake S.A. *see* Padmakar
Drechsel H. *see* Skopal A.
Drecker A., Rüdiger G., Hollerbach R., Global structure of self-excited magnetic fields arising from the magnetic shear instability, **317,** 45
Dreizler S. *see* Barstow M.A.
Dressler A. *see* Lahav O.
Drew J.E. *see* Pontefract M.
Driver S.P. *see* Phillipps S.
Drobyshevski E.M., The young long-period comet family of Saturn, **315,** 517
Drobyshevski E.M., Time of explosive decay of a daemon-containing nucleus, **311,** L1
Drolias B. *see* Oliver S.
Duerbeck H.W. *see* Tyne V.H.
Dufton P.L. *see* Lehner N.
Duley W.W., Chemistry in grain aggregates: a source of complex molecules?, **319,** 791
Dunlop J.S. *see* Hughes D.H.
Dunlop J.S. *see* McLure R.J.
Dunlop J.S. *see* Peacock J.A.
Dunlop J.S. *see* Waddington I.
Dunne L. *see* Gear W.K.
Dunne L., Clements D.L., Eales S.A., Constraining the radio–submillimetre redshift indicator using data from the SCUBA Local Universe Galaxy Survey, **319,** 813
Dunne L., Eales S., Edmunds M., Ivison R., Alexander P., Clements D.L., The SCUBA Local Universe Galaxy Survey – I. First measurements of the submillimetre luminosity and dust mass functions, **315,** 115
Durouchoux P. *see* Fender R.P.
Dworetsky M.M., Budaj J., Neon abundances in normal late-B and mercury–manganese stars, **318,** 1264
Dyks J. *see* Bulik T.
Dyks J., Rudak B., Model of peak separation in the gamma light curve of the Vela pulsar, **319,** 477
Dyson J.E. *see* Williams R.J.R.

Eales S. *see* Dunne L.
Eales S.A. *see* Dunne L.
Eales S.A. *see* Gear W.K.
Eales S.A. *see* Roche N.
Eaton N. *see* Oliver S.
Eaton N. *see* Serjeant S.
Ebeling H. *see* Fairley B.W.
Ebeling H. *see* Iwasawa K.
Ebeling H., Edge A.C., Allen S.W., Crawford C.S., Fabian A.C., Huchra J.P., The *ROSAT* Brightest Cluster Sample – IV. The extended sample, **318,** 333
Echevarria J. *see* Marchenko S.V.
Eckart A. *see* Genzel R.
Edelson R. *see* Reeves J.N.
Edgar R.G. *see* Truss M.R.

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Edge A. *see* Almaini O.
Edge A.C. *see* Ebeling H.
Edge A.C. *see* Iwasawa K.
Edge A.C. *see* Pearce F.R.
Edge A.C. *see* Wilman R.J.
Edmunds M. *see* Dunne L.
Efroimsky M., Lazarian A., Inelastic dissipation in wobbling asteroids and comets, **311,** 269
Efstathiou A. *see* Oliver S.
Efstathiou A. *see* Peacock J.A.
Efstathiou A. *see* Serjeant S.
Efstathiou A., Oliver S., Rowan-Robinson M., Surace C., Sumner T., Héraudeau P., Linden-Vørnle M.J.D., Rigopoulou D., Serjeant S., Mann R.G., Cesarsky C.J., Danese L., Franceschini A., Genzel R., Lawrence A., Lemke D., McMahon R.G., Miley G., Puget J.-L., Rocca-Volmerange B., The European Large Area *ISO* Survey – III. 90-μm extragalactic source counts, **319,** 1169
Efstathiou A., Rowan-Robinson M., Siebenmorgen R., Massive star formation in galaxies: radiative transfer models of the UV to millimetre emission of starburst galaxies, **313,** 734
Efstathiou G. *see* Colberg J.M.
Efstathiou G. *see* Eke V.
Efstathiou G. *see* Monaco P.
Efstathiou G. *see* Schaye J.
Efstathiou G., A model of supernova feedback in galaxy formation, **317,** 697
Efstathiou G.P. *see* Rowan-Robinson M.
Efstathiou G.P. *see* Saunders W.
Egami E. *see* Oliver S.
Eggleton P.P. *see* Han Z.
Ehle M. *see* Frick P.
Ehrenfreund P. *see* Galazutdinov G.A.
Einasto J. *see* Müller V.
Eislöffel J. *see* Davis C.J.
Eke V., Efstathiou G., Wright L., The cosmological dependence of galactic specific angular momenta, **315,** L18
Ekers R.D. *see* Subrahmanyan R.
El-Ad H., Piran T., A case devoid of bias: Optical Redshift Survey voids versus *IRAS* voids, **313,** 553
Elbaz D. *see* Oliver S.
Elbaz D. *see* Serjeant S.
Eldar A., Levinson A., On the viewing angle dependence of blazar variability, **314,** 641
Ellingsen S.P. *see* Val'tts I.E.
Ellis R. *see* Sullivan M.
Ellis R.S. *see* Bacon D.J.
Ellis R.S. *see* Gray M.E.
Ellis R.S. *see* Le Fèvre O.
Ellis R.S. *see* Mason K.O.
Ellis R.S. *see* Sullivan M.
Elmegreen B.G., Two stellar mass functions combined into one by the random sampling model of the initial mass function, **311,** L5
Elsworth Y. *see* Chaplin W.J.
Elvidge C.D. *see* Cinzano P.
Emerson J.P. *see* Smith K.W.
Engels D. *see* Brosch N.
Engels D. *see* Tesch F.
Engineer S., Kanekar N., Padmanabhan T., Non-linear density evolution from an improved spherical collapse model, **314,** 279
Ergma E. *see* Sarna M.J.
Eriguchi Y. *see* Yoshida Shin'ichirou
Ettori S. *see* Fabian A.C.
Ettori S. *see* Iwasawa K.
Ettori S., β-model and cooling flows in X-ray clusters of galaxies, **318,** 1041
Ettori S., Bardelli S., De Grandi S., Molendi S., Zamorani G., Zucca E., *BeppoSAX–ROSAT* PSPC observations of the Shapley supercluster: A3562, **318,** 239
Ettori S., Fabian A.C., *Chandra* constraints on the thermal conduction in the intracluster plasma of A2142, **317,** L57
Ettori S., Note on a polytropic β-model to fit the X-ray surface brightness of clusters of galaxies, **311,** 313
Evans A. *see* Hopwood M.E.L.
Evans A. *see* Tyne V.H.
Evans N.W. *see* Häfner R.
Evans N.W. *see* Tabachnik S.A.
Evans N.W., Carollo C.M., de Zeeuw P.T., Triaxial haloes and particle dark matter detection, **318,** 1131
Evans N.W., Tabachnik S.A., Asteroids in the inner Solar system – II. Observable properties, **319,** 80
Evans N.W., Wilkinson M.I., The mass of the Andromeda galaxy, **316,** 929
Eversberg T. *see* Marchenko S.V.
Evrard A.E. *see* Colberg J.M.
Evrard A.E. *see* Nagai D.
Eyres S.P.S. *see* Hopwood M.E.L.
Eyres S.P.S. *see* Tyne V.H.
Eyres S.P.S. *see* Watson S.K.
Eyres S.P.S., Bode M.F., O'Brien T.J., Watson S.K., Davis R.J., The remnant of Nova Cassiopeiae 1993 (V705 Cassiopeiae), **318,** 1086
Ezawa H. *see* Fukazawa Y.

Fabbri R. *see* Bruscoli M.
Fabian A. *see* Fox D.W.
Fabian A.C. *see* Allen S.W.
Fabian A.C. *see* Boller Th.
Fabian A.C. *see* Di Matteo T.
Fabian A.C. *see* Ebeling H.
Fabian A.C. *see* Ettori S.
Fabian A.C. *see* Iwasawa K.
Fabian A.C. *see* Lee J.C.
Fabian A.C. *see* Matt G.
Fabian A.C. *see* Merloni A.
Fabian A.C. *see* Morales R.
Fabian A.C. *see* Nulsen P.E.J.
Fabian A.C. *see* Ruszkowski M.
Fabian A.C. *see* Sanders J.S.
Fabian A.C. *see* Wilman R.J.
Fabian A.C. *see* Wu K.K.S.
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Fabregat J. *see* Reig P.
Fadda D. *see* Oliver S.
Fady E. *see* Athanassoula E.
Fairley B.W., Jones L.R., Scharf C., Ebeling H., Perlman E., Horner D., Wegner G., Malkan M., The WARPS survey – IV. The X-ray luminosity–temperature relation of high-redshift galaxy clusters, **315,** 669
Falchi F. *see* Cinzano P.
Falcke H. *see* Chapman S.C.
Fan Z. *see* Lou Y.-Q.
Fang C. *see* Ding M.D.
Fanti R. *see* Bondi M.
Farusi A. *see* Baccigalupi C.
Fassia A., Meikle W.P.S., Vacca W.D., Kemp S.N., Walton N.A., Pollacco D.L., Smartt S., Oscoz A., Aragón-Salamanca A., Bennett S., Hawarden T.G., Alonso A., Alcalde D., Pedrosa A., Telting J., Arevalo M.J., Deeg H.J., Garzón F., Gómez-Roldán A., Gómez G., Gutiérrez C., López S., Rozas M., Serra-Ricart M., Zapatero-Osorio M.R., Optical and infrared photometry of the Type IIn SN 1998S: days 11–146, **318,** 1093
Fassnacht C.D. *see* Biggs A.D.
Fassnacht C.D. *see* Phillips P.M.
Feast M. *see* Whitelock P.
Feast M., The local solar motion and the scalelength of the Galactic disc, **313,** 596

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Feast M.W., Whitelock P.A., Mira kinematics from *Hipparcos* data: a Galactic bar to beyond the Solar circle, **317,** 460
Feibelman W.A. *see* Hyung S.
Fender R. *see* Berendsen S.G.H.
Fender R.P. *see* Jonker P.G.
Fender R.P. *see* Ogley R.N.
Fender R.P., Hendry M.A., The radio luminosity of persistent X-ray binaries, **317,** 1
Fender R.P., Pooley G.G., Durouchoux P., Tilanus R.P.J., Brocksopp C., The very flat radio–millimetre spectrum of Cygnus X-1, **312,** 853
Fender R.P., Pooley G.G., Giant repeated ejections from GRS 1915 + 105, **318,** L1
Feretti L. *see* Capetti A.
Ferland G.J. *see* Bottorff M.C.
Fernandes A.J.L. *see* Hernandez M.
Fernandes A.J.L., The excitation and kinematical properties of H_2 and [Fe II] in the HH 46/47 bipolar outflow, **315,** 657
Fernández M. *see* Miranda L.F.
Fernández-Soto A. *see* Liske J.
Fernandez-Soto A. *see* Phillipps S.
Ferrara A. *see* Bianchi S.
Ferrara A. *see* Bruscoli M.
Ferrara A. *see* Ciardi B.
Ferrara A. *see* Marri S.
Ferrara A. *see* Schneider R.
Ferrara A., Pettini M., Shchekinov Y., Mixing metals in the early Universe, **319,** 539
Ferrara A., Tolstoy E., The role of stellar feedback and dark matter in the evolution of dwarf galaxies, **313,** 291
Ferrari V. *see* Schneider R.
Ferrario L. *see* Maxted P.F.L.
Ferreira J., Pelletier G., Appl S., Reconnection X-winds: spin-down of low-mass protostars, **312,** 387
Ferreira J.M., A model of slingshot prominences in rapidly rotating stars, **316,** 647
Ferreira M. *see* James D.J.
Ferreira P.G., Jaffe A.H., Simultaneous estimation of noise and signal in cosmic microwave background experiments, **312,** 89
Ferreras I., Silk J., On breaking the age–metallicity degeneracy in early-type galaxies: outflows versus star formation efficiency, **316,** 786
Ferrini F. *see* Mollá M.
Ferruit P. *see* Raga A.
Fiege J.D., Pudritz R.E., Helical fields and filamentary molecular clouds – I, **311,** 85
Fiege J.D., Pudritz R.E., Helical fields and filamentary molecular clouds – II. Axisymmetric stability and fragmentation, **311,** 105
Field D. *see* May P.W.
Field D. *see* Yates J.A.
Field G.B. *see* Blackman E.G.
Finley D.S. *see* Barstow M.A.
Fiore F. *see* Malizia A.
Fiore F. *see* Vignali C.
Firmani C., Avila-Reese V., Disc galaxy evolution models in a hierarchical formation scenario: structure and dynamics, **315,** 457
Firmani C., D'Onghia E., Avila-Reese V., Chincarini G., Hernández X., Evidence of self-interacting cold dark matter from galactic to galaxy cluster scales, **315,** L29
Flower D.R. *see* May P.W.
Flower D.R., Erratum: Momentum transfer between ions and neutrals in molecular gas, **315,** 431
Flower D.R., HD in the primordial gas, **318,** 875
Flower D.R., Le Bourlot J., Pineau des Forêts G., Roueff E., The cooling of astrophysical media by HD, **314,** 753
Flower D.R., Momentum transfer between ions and neutrals in molecular gas, **313,** L19
Flower D.R., Pineau des Forêts G., The ortho:para H_2 ratio in the primordial gas, **316,** 901
Fluke C.J. *see* Barber A.J.
Flynn C. *see* Holmberg J.
Foing B.H. *see* Galazutdinov G.A.
Foltz C.B. *see* Warren S.J.
Fomalont E.B. *see* Bondi M.
Fong R. *see* Doroshkevich A.G.
Fong R. *see* McCracken H.J.
Font J.A., Stergioulas N., Kokkotas K.D., Non-linear hydrodynamical evolution of rotating relativistic stars: numerical methods and code tests, **313,** 678
Fontana A. *see* Israel G.L.
Forbes D.A. *see* Brown R.J.N.
Forbes D.A. *see* Georgakakis A.
Forbes D.A. *see* Jones L.R.
Forbes D.A. *see* Merrifield M.R.
Forbes D.A., Hau G.K.T., Imaging of the merging galaxy NGC 3597 and its population of protoglobular clusters, **312,** 703
Forbes D.A., Polehampton E., Stevens I.R., Brodie J.P., Ward M.J., A multiwavelength view at the heart of the superwind in NGC 253, **312,** 689
Ford M.T. *see* Challinor A.D.
Fordham J.L.A., Kawakami H., Michel R.M., Much R., Robinson J.R., High time-resolution spectroscopic imaging using intensified CCD detectors, **319,** 414
Fordham J.L.A., Moorhead C.F., Galbraith R.F., Dynamic-range limitations of intensified CCD photon-counting detectors, **312,** 83
Foullon C. *see* Ignace R.
Fox D.W., Lewin W.H.G., Fabian A., Iwasawa K., Terlevich R., Zimmermann H.U., Aschenbach B., Weiler K., Van Dyk S., Chevalier R., Rutledge R., Inoue H , Uno S., The X-ray spectrum and light curve of Supernova 1995N, **319,** 1154
Fox M. *see* Oliver S.
Frail D.A. *see* Gaensler B.M.
Franceschini A. *see* Efstathiou A.
Franceschini A. *see* Oliver S.
Franceschini A. *see* Serjeant S.
Franco G.A.P., Interstellar Na I D lines towards the Southern Coalsack, **315,** 611
Franqueira M. *see* Huélamo N.
Frayer D.T. *see* Blain A.W.
Freeman K.C. *see* Alcock C.
Frenk C.S. *see* Benson A.J.
Frenk C.S. *see* Colberg J.M.
Frenk C.S. *see* Cole S.
Frenk C.S. *see* Kay S.T.
Frenk C.S. *see* Monaco P.
Frenk C.S. *see* Rowan-Robinson M.
Frenk C.S. *see* Saunders W.
Frenk C.S. *see* Szapudi I.
Freyberg M.J. *see* Boller Th.
Frick P., Beck R., Shukurov A., Sokoloff D., Ehle M., Kamphuis J., Magnetic and optical spiral arms in the galaxy NGC 6946, **318,** 925
Fritz T. *see* Barone L.T.
Fritzsche S., Dong C.Z., Träbert E., Energy levels, lifetimes and branch fractions for Fe XI, **318,** 263
Fruscione A. *see* Uttley P.
Fujiwara T. *see* Hozumi S.
Fukazawa Y., Makishima K., Tamura T., Nakazawa K., Ezawa H., Ikebe Y., Kikuchi K., Ohashi T., Statistical properties of metal abundances of the intracluster medium in the central region of clusters, **313,** 21
Fukushige T., Heggie D.C., The time-scale of escape from star clusters, **318,** 753

Gabuzda D.C., Cawthorne T.V., VLBI polarization images of eight compact active galactic nuclei at $\lambda = 1.3$ cm, **319,** 1056
Gabuzda D.C., Kochenov P.Yu., Cawthorne T.V., Kollgaard R.I., Intraday polarization variability outside the VLBI core of the active galactic nucleus 0716 + 714, **313,** 627
Gabuzda D.C., Kochenov P.Yu., Cawthorne T.V., Serendipitous VLBI observations of polarization intraday variability in three BL Lacertae objects, **319,** 1125

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Gabuzda D.C., Kochenov P.Yu., Kollgaard R.I., Cawthorne T.V., VLBI and VLA observations of intraday polarization variability in 0917 + 624 and 0954 + 658, **315,** 229
Gabuzda D.C., Pushkarev A.B., Cawthorne T.V., Analysis of $\lambda = 6$ cm VLBI polarization observations of a complete sample of northern BL Lacertae objects, **319,** 1109
Gadéa F.X. *see* Dickinson A.S.
Gaensler B.M., Stappers B.W., Frail D.A., Moffett D.A., Johnston S., Chatterjee S., Limits on radio emission from pulsar wind nebulae, **318,** 58
Galama T.J. *see* Stathakis R.A.
Galazutdinov G. *see* Israelian G.
Galazutdinov G.A., Krełowski J., Musaev F.A., Interstellar velocity components towards reddened stars, **315,** 703
Galazutdinov G.A., Krełowski J., Musaev F.A., Ehrenfreund P., Foing B.H., On the identification of the C_{60}^+ interstellar features, **317,** 750
Galbraith R.F. *see* Fordham J.L.A.
Galeev A. *see* Israelian G.
Gallego J. *see* Gil de Paz A.
Galloway D.K., Giles A.B., Greenhill J.G., Storey M.C., Spectral variation in the X-ray pulsar GX 1 + 4 during a low-flux episode, **311,** 755
Gammie C.F., Goodman J., Ogilvie G.I., Linear and non-linear theory of a parametric instability of hydrodynamic warps in Keplerian discs, **318,** 1005
Gandhi P. *see* Wilman R.J.
Gandolfi G. *see* Malizia A.
Gangui A., Martin J., Cosmic microwave background bispectrum and slow-roll inflation, **313,** 323
García-Vargas M.L. *see* Díaz A.I.
Gardner J.P. *see* McCracken H.J.
Gargiulo G. *see* Andreon S.
Garnir H.P. *see* Biémont E.
Garzón F. *see* Fassia A.
Garzón F. *see* Hammersley P.L.
Garzón F. *see* López-Corredoira M.
Gatti A.A. *see* Maxted P.F.L.
Gavryusev V.G., Gavryuseva E.A., On the accuracy of the measurements of low-ℓ solar acoustic oscillations, **317,** 569
Gavryuseva E.A. *see* Gavryusev V.G.
Gaylard M.J. *see* Woermann B.
Gayley K.G. *see* Marchenko S.V.
Gayley K.G. *see* Pittard J.M.
Gaztañaga E. *see* Dodelson S.
Gaztañaga E., Dalton G.B., On the CCD calibration of Zwicky galaxy magnitudes and the properties of nearby field galaxies, **312,** 417
Gear W.K. *see* Stevens J.A.
Gear W.K., Lilly S.J., Stevens J.A., Clements D.L., Webb T.M., Eales S.A., Dunne L., High spatial resolution observations of CUDSS14A: a SCUBA-selected ultraluminous galaxy at high redshift, **316,** L51
Geballe T.R. *see* Hernandez M.
Geballe T.R. *see* Tyne V.H.
Geha M. *see* Alcock C.
Geisler D. *see* Beasley M.A.
Geisler D. *see* Kim E.
Genzel R. *see* Efstathiou A.
Genzel R. *see* Oliver S.
Genzel R. *see* Serjeant S.
Genzel R., Pichon C., Eckart A., Gerhard O.E., Ott T., Stellar dynamics in the Galactic Centre: proper motions and anisotropy, **317,** 348
Georgakakis A., Forbes D.A., Norris R.P., Cold gas and star formation in a merging galaxy sequence, **318,** 124
Georgantopoulos I. *see* Akylas A.
Georgantopoulos I. *see* Almaini O.
Georgantopoulos I. *see* Blair A.J.
Georgantopoulos I. *see* Pappa A.
Georgantopoulos I., X-ray observations of the 'composite' Seyfert/star-forming galaxy IRAS 00317–2142, **315,** 77
Geppert U. *see* Konenkov D.
Gerhard O.E. *see* Genzel R.
Germany L.M. *see* Stathakis R.A.
Gerškevitš-Antipova J. *see* Sarna M.J.
Gerssen J. *see* Douglas N.G.
Gerssen J., Kuijken K., Merrifield M.R., Disc heating in NGC 2985, **317,** 545
Ghisellini G., Celotti A., Lazzati D., Constraints on the emission mechanisms of gamma-ray bursts, **313,** L1
Ghisellini G., Lazzati D., Celotti A., Rees M.J., Compton dragged gamma-ray bursts: the spectrum, **316,** L45
Ghosh P., The structure of black hole magnetospheres – I. Schwarzschild black holes, **315,** 89
Giallongo E. *see* Israel G.L.
Giardino G., Asareh H., Melhuish S.J., Davies R.D., Davis R.J., Jones A.W., 1°- and 2°.5-scale interferometric surveys in the northern sky at 5 GHz, **313,** 689
Giavalisco M. *see* Chapman S.C.
Gibb A.G., Little L.T., Discovery of a dense bipolar outflow from a new class 0 protostar in NGC 2068/LBS 17, **313,** 663
Giersz M., Spurzem R., A stochastic Monte Carlo approach to model real star cluster evolution – II. Self-consistent models and primordial binaries, **317,** 581
Gil de Paz A., Aragón-Salamanca A., Gallego J., Alonso-Herrero A., Zamorano J., Kauffmann G., Star formation properties of Universidad Complutense de Madrid survey galaxies, **316,** 357
Giles A.B. *see* Galloway D.K.
Gilfanov M., Churazov E., Revnivtsev M., Frequency-resolved spectroscopy of Cyg X-1: fast variability of the reflected emission in the soft state, **316,** 923
Gill C.D., O'Brien T.J., *Hubble Space Telescope* imaging and ground-based spectroscopy of old nova shells – I. FH Ser, V533 Her, BT Mon, DK Lac and V476 Cyg, **314,** 175
Gilmore A.C. *see* Watson L.C.
Gilmore G. *see* Hernandez X.
Giménez Á. *see* Ribas I.
Giommi P. *see* Malizia A.
Giommi P., Padovani P., Perlman E., Detection of exceptional X-ray spectral variability in the TeV BL Lac 1ES 2344 + 514, **317,** 743
Giovannini O. *see* Vuille F.
Gizis J.E., Monet D.G., Reid I.N., Kirkpatrick J.D., Burgasser A.J., Two nearby M dwarf binaries from the Two Micron All Sky Survey, **311,** 385
Glass I.S. *see* Nishida S.
Glazebrook K. *see* Le Fèvre O.
Gledhill T. *see* Clark S.
Gledhill T.M. *see* Chrysostomou A.
Gledhill T.M., McCall A., Circular polarization by scattering from spheroidal dust grains, **314,** 123
Glinski R.J. *see* Schulz S.A.
Gnedin Yu.N., Kiikov S.O., The γ-ray burst phenomenon treated as the collapse of a QED magnetized vacuum bubble: analogy with sonoluminescence, **318,** 1277
Göckel C., Jehn R., Testing cometary ejection models to fit the 1999 Leonids and to predict future showers, **317,** L1
Goedhart S., van der Walt D.J., Schutte A.J., Infrared emission from 6.7-GHz methanol maser sources, **315,** 316
Goldschmidt P. *see* Oliver S.
Gom B.G. *see* Naylor D.A.
Gómez de Castro A.I. *see* Huélamo N.
Gómez G. *see* Fassia A.
Gómez J.F., Trapero J., Pascual S., Patel N., Morales C., Torrelles J.M., Ammonia observations of the nearby molecular cloud MBM 12, **314,** 743
Gómez Y. *see* Miranda L.F.
Gómez-Gomar J. *see* Jean P.
Gómez-Roldán A. *see* Fassia A.
González Delgado R.M., Pérez E., The massive stellar content of the H II region NGC 604 and its evolutionary state, **317,** 64
Gonzalez G. *see* Wallerstein G.
González-Serrano J.I. *see* Mason K.O.
Gonzalez-Serrano J.I. *see* Oliver S.
Gonzalez-Solares E.A. *see* Oliver S.

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Goodman J. *see* Gammie C.F.
Gopal-Krishna, Gupta A.C., Sagar R., Wiita P.J., Chaubey U.S., Stalin C.S., Rapid optical variability in radio-quiet QSOs, **314,** 815
Goransky V. *see* Zurita C.
Gordon S., Koribalski B., Houghton S., Jones K., A guide to TAURUS-2 Fabry–Perot data reduction, **315,** 248
Górski K.M. *see* Barreiro R.B.
Gottlöber S. *see* Knebe A.
Gough D. *see* Cunha M.S.
Gough D.O. *see* Appourchaux T.
Gough D.O. *see* Baturin V.A.
Governato F. *see* Ciardi B.
Gozzi G. *see* Mollá M.
Graham M. *see* Oliver S.
Gramann M., Hütsi G., Cold dark matter models with a step-like initial power spectrum, **316,** 631
Granato G.L. *see* Oliver S.
Gratton R.G. *see* Carretta E.
Gray M.D. *see* Yates J.A.
Gray M.E., Ellis R.S., Refregier A., Bézecourt J., McMahon R.G., Beckett M.G., Mackay C.D., Hoenig M.D., Infrared observations of gravitational lensing in Abell 2219 with CIRSI, **318,** 573
Greaves J.S. *see* Dent W.R.F.
Greaves J.S., Coulson I.M., Holland W.S., No molecular gas around nearby solar-type stars, **312,** L1
Greaves J.S., Holland W.S., A search for protoplanetary discs around millisecond pulsars, **316,** L21
Green D.A. *see* Clemens M.S.
Greenhill J.G. *see* Galloway D.K.
Gregory T. *see* Michaille L.
Griest K. *see* Alcock C.
Griffin M.J. *see* Naylor D.A.
Griffin R.E.M., Griffin R.F., Composite spectra, Paper 9: HR 5983, **312,** 225
Griffin R.E.M., Griffin R.F., Composite spectra, Paper 10: the equal-mass binary HR 2030 (K0 IIb + B8 IV), **319,** 1094
Griffin R.F. *see* Griffin R.E.M.
Griffiths R.E. *see* Almaini O.
Griffiths R.E. *see* Blair A.J.
Groot P. *see* Alcock C.
Groot P. *see* Shahbaz T.
Gruppioni C. *see* Oliver S.
Gruppioni C. *see* Serjeant S.
Gu X. *see* Li K.
Guainazzi M. *see* Matt G.
Guélin M. *see* Melchior A.-L.
Guerrero M.A. *see* Miranda L.F.
Guerrero M.A., Miranda L.F., Manchado A., Vázquez R., The triple-shell structure and collimated outflows of the planetary nebula NGC 6891, **313,** 1
Guiderdoni B. *see* Lanzoni B.
Gunn K.F. *see* Almaini O.
Gupta A.C. *see* Gopal-Krishna
Gutiérrez C. *see* Fassia A.
Gutiérrez C.M. *see* Harrison D.L.
Guzik J.A. *see* Handler G.
Guzzo L. *see* Collins C.A.

Haardt F. *see* Spruit H.C.
Habanyama A. *see* Handler G.
Haehnelt M. *see* Kauffmann G.
Haehnelt M. *see* Nusser A.
Haehnelt M.G. *see* Theuns T.
Haehnelt M.G., Kauffmann G., The correlation between black hole mass and bulge velocity dispersion in hierarchical galaxy formation models, **318,** L35
Häfner R., Evans N.W., Dehnen W., Binney J., A dynamical model of the inner Galaxy, **314,** 433
Haghighipour N., Partial averaging near a resonance in planetary dynamics, **316,** 845
Haigh N.J. *see* Coe M.J.
Hakala P. *see* Ramsay G.
Hakala P.J. *see* Potter S.B.
Hall M.J. *see* Dabrowski Y.
Halpern M. *see* Chapman S.C.
Hambly N.C. *see* Jonker P.G.
Hambly N.C. *see* Pinfield D.J.
Hameury J.-M. *see* Menou K.
Hamilton A.J.S., Tegmark M., Decorrelating the power spectrum of galaxies, **312,** 285
Hamilton A.J.S., Tegmark M., Padmanabhan N., Linear redshift distortions and power in the *IRAS* Point Source Catalog Redshift Survey, **317,** L23
Hamilton A.J.S., Uncorrelated modes of the non-linear power spectrum, **312,** 257
Hammer F. *see* Le Fèvre O.
Hammersley P.L. *see* Hernandez M.
Hammersley P.L. *see* López-Corredoira M.
Hammersley P.L., Garzón F., Mahoney T.J., López-Corredoira M., Torres M.A.P., Detection of the old stellar component of the major Galactic bar, **317,** L45
Han C., On the baseline flux determination of microlensing events detectable with the difference image analysis method, **312,** 807
Han C., Park S.-H., Jeong J.-H., Chromaticity of gravitational microlensing events, **316,** 97
Han C., Park S.-H., Kim H.-I., Chang K., Detection of stellar spots from the observations of caustic-crossing binary-lens gravitational microlensing events, **316,** 665
Han C., Park S.-H., Lee Y.-S., Distribution of caustic-crossing intervals for Galactic binary-lens microlensing events, **314,** 59
Han Z. *see* Maxted P.F.L.
Han Z., Tout C.A., Eggleton P.P., Low- and intermediate-mass close binary evolution and the initial–final mass relation, **319,** 215
Hanasz M., Sol H., Sauty C., On the local magnetorotational instability of astrophysical jets, **316,** 494
Handler G., Arentoft T., Shobbrook R.R., Wood M.A., Crause L.A., Crake P., Podmore F., Habanyama A., Oswalt T., Birch P.V., Lowe G., Sterken C., Meintjes P., Brink J., Claver C.F., Medupe R., Guzik J.A., Beach T.E., Martinez P., Leibowitz E.M., Ibbetson P.A., Smith T., Ashoka B.N., Raj N.E., Kurtz D.W., Balona L.A., O'Donoghue D., Costa J.E.S., Breger M., Delta Scuti Network observations of XX Pyx: detection of 22 pulsation modes and of short-term amplitude and frequency variations, **318,** 511
Hanes D.A. *see* Beasley M.A.
Haniff C.A. *see* Young J.S.
Hanson G. *see* Kato T.
Hardcastle M.J. *see* Tansley D.
Hardcastle M.J., Worrall D.M., Radio, optical and X-ray nuclei in nearby 3CRR radio galaxies, **314,** 359
Hardcastle M.J., Worrall D.M., The environments of FRII radio sources, **319,** 562
Harlaftis E.T. *see* Baptista R.
Harmer S. *see* Pozzo M.
Harpaz A. *see* Soker N.
Harper D.A., Jr *see* Bell E.F.
Harries T.J. *see* Pontefract M.
Harries T.J., Synthetic line profiles of rotationally distorted hot-star winds, **315,** 722
Harrison D.L., Rubiño-Martin J.A., Melhuish S.J., Watson R.A., Davies R.D., Rebolo R., Davis R.J., Gutiérrez C.M., Macias-Perez J.F., A measurement at the first acoustic peak of the cosmic microwave background with the 33-GHz interferometer, **316,** L24
Harrop-Allin M.K. *see* Dhillon V.S.
Harrop-Allin M.K. *see* Ramsay G.
Hartley M. *see* Stathakis R.A.
Hartnoll S.A., Blackman E.G., Reprocessed emission from warped accretion discs with application to X-ray iron line profiles, **317,** 880
Hartquist T.W. *see* Williams R.J.R.
Hasegawa T., Wakamatsu K., Malkan M., Sekiguchi K., Menzies J.W., Parker Q.A., Jugaku J., Karoji H., Okamura S., Large-scale structure of galaxies in the Ophiuchus region, **316,** 326
Hasinger G. *see* Mason K.O.

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Haswell C.A. *see* Rolfe D.J.
Hau G.K.T. *see* Forbes D.A.
Hawarden T.G. *see* Fassia A.
Hawkes R.L. *see* LeBlanc A.G.
Hawkins M.R.S. *see* Saunders W.
Hayashida K. *see* Iwasawa K.
Hearnshaw J.B. *see* Watson L.C.
Heavens A., Refregier A., Heymans C., Intrinsic correlation of galaxy shapes: implications for weak lensing measurements, **319,** 649
Heavens A.F. *see* Verde L.
Heavens A.F., Jimenez R., Lahav O., Massive lossless data compression and multiple parameter estimation from galaxy spectra, **317,** 965
Heggie D.C. *see* Fukushige T.
Heggie D.C., A new outcome of binary–binary scattering, **318,** L61
Heise J. *see* Berendsen S.G.H.
Heisler C.A. *see* Alexander D.M.
Heisler C.A. *see* Ruiz M.
Heithausen A. *see* Barone L.T.
Helbig P. *see* Phillips P.M.
Heller A.B., Brosch N., Almoznino E., van Zee L., Salzer J.J., Lopsidedness in dwarf irregular galaxies, **316,** 569
Hellier C. *see* Beardmore A.P.
Hellier C. *see* Beekman G.
Hellier C., Kemp J., Naylor T., Bateson F.M., Jones A., Overbeek D., Stubbings R., Mukai K., Outbursts of EX Hydrae: mass-transfer events or disc instabilities?, **313,** 703
Helmi A., de Zeeuw P.T., Mapping the substructure in the Galactic halo with the next generation of astrometric satellites, **319,** 657
Helsdon S.F., Ponman T.J., Are X-ray properties of loose groups different from those of compact groups?, **319,** 933
Helsdon S.F., Ponman T.J., The intragroup medium in loose groups of galaxies, **315,** 356
Hemar S. *see* Vuille F.
Hendry M.A. *see* Fender R.P.
Hendry M.A. *see* Rauzy S.
Heng I.S. *see* Murphy M.T.
Héraudeau P. *see* Efstathiou A.
Héraudeau P. *see* Oliver S.
Herbst E. *see* Millar T.J.
Herbst E. *see* Ruffle D.P.
Herbst E. *see* Terzieva R.
Herbst E., Terzieva R., Talbi D., Calculations on the rates, mechanisms, and interstellar importance of the reactions between C and NH_2 and between N and CH_2, **311,** 869
Herbstmeier U. *see* Oliver S.
Hereld M. *see* Bell E.F.
Hernandez M., Meikle W.P.S., Aparicio A., Benn C.R., Burleigh M.R., Chrysostomou A.C., Fernandes A.J.L., Geballe T.R., Hammersley P.L., Iglesias-Paramo J., James D.J., James P.A., Kemp S.N., Lister T.A., Martinez-Delgado D., Oscoz A., Pollacco D.L., Rozas M., Smartt S.J., Sorensen P., Swaters R.A., Telting J.H., Vacca W.D., Walton N.A., Zapatero-Osorio M.R., An early-time infrared and optical study of the Type Ia Supernova 1998bu in M96, **319,** 223
Hernández X. *see* Firmani C.
Hernandez X., Gilmore G., Valls-Gabaud D., Non-parametric star formation histories for four dwarf spheroidal galaxies of the Local Group, **317,** 831
Hernandez X., Valls-Gabaud D., Gilmore G., The recent star formation history of the *Hipparcos* solar neighbourhood, **316,** 605
Hernanz M. *see* Jean P.
Herrero A. *see* Israelian G.
Hewett P.C. *see* Warren S.J.
Heyl J.S., Gravitational radiation from strongly magnetized white dwarfs, **317,** 310
Heyl J.S., Shaviv N.J., Polarization evolution in strong magnetic fields, **311,** 555
Heymans C. *see* Boyle B.J.
Heymans C. *see* Heavens A.
Hibbert A. *see* Charro E.
Hilditch R.W. *see* Kaltcheva N.T.
Hilditch R.W. *see* Lister T.A.
Hill G.M., Moffat A.F.J., St-Louis N., Bartzakos P., Modelling the spectra of colliding winds in the Wolf–Rayet WC7 + O binaries WR 42 and WR 79, **318,** 402
Hillier D.J. *see* Dessart L.
Hills R. *see* Lisenfeld U.
Hills R.E. *see* Brown D.W.
Hinshaw G. *see* Barreiro R.B.
Hirotani K., Gamma-ray emission from pulsars: strength of the acceleration field in the outer gap, **317,** 225
Hobson J. *see* Chrysostomou A.
Hobson J. *see* Davis C.J.
Hobson M.P. *see* Barreiro R.B.
Hobson M.P. *see* Lahav O.
Hobson M.P. *see* Mukherjee P.
Hodgkin S. *see* Holland K.
Hodgkin S.T. *see* Pinfield D.J.
Hoenig M.D. *see* Gray M.E.
Holberg J.B. *see* Barstow M.A.
Holland K., Jameson R.F., Hodgkin S., Davies M.B., Pinfield D., Praesepe – two merging clusters?, **319,** 956
Holland W.S. *see* Dent W.R.F.
Holland W.S. *see* Greaves J.S.
Hollerbach R. *see* Drecker A.
Holloway A.J. *see* Redman M.P.
Holmberg J., Flynn C., The local density of matter mapped by *Hipparcos*, **313,** 209
Homer L. *see* Kong A.K.H.
Hoogerwerf R., OB association members in the ACT and TRC catalogues, **313,** 43
Hopwood M.E.L., Evans A., Roberts T.P., Burleigh M.R., Odenkirchen M., Beardmore A.P., O'Brien T., Jeffries R.D., Penny A., Eyres S.P.S., A possible detection of diffuse extended X-ray emission in the environment of the globular cluster NGC 6779, **316,** L5
Horne K. *see* Baptista R.
Horner D. *see* Fairley B.W.
Horvath J.E. *see* Allen M.P.
Hough J. *see* Clark S.
Hough J. *see* Ruiz M.
Hough J.H. *see* Alexander D.M.
Hough J.H. *see* Chrysostomou A.
Hough J.H. *see* Corbett E.A.
Hough J.H. *see* Smith C.H.
Hough J.H. *see* Tadhunter C.N.
Houghton S. *see* Gordon S.
Howarth I.D. *see* Crawford I.A.
Howell S.B. *see* Dhillon V.S.
Howell S.B. *see* Littlefair S.P.
Howell S.B. *see* Mason E.
Howell S.B. *see* Skidmore W.
Howells L. *see* Steele I.A.
Hoyle F., Szapudi I., Baugh C.M., Higher order clustering in the Durham/UKST and Stromlo–APM Galaxy Redshift Surveys, **317,** L51
Hozumi S. *see* Ideta M.
Hozumi S., Burkert A., Fujiwara T., The origin and formation of cuspy density profiles through violent relaxation of stellar systems, **311,** 377
Hrynek G. *see* Szymczak M.
Huang Y.F., Dai Z.G., Lu T., On the optical light curves of afterglows from jetted gamma-ray burst ejecta: effects of parameters, **316,** 943
Hubeny I. *see* Barstow M.A.
Hubin N. *see* Le Louarn M.
Huchra J.P. *see* Ebeling H.
Huchra J.P. *see* Lahav O.
Hudson M.J. *see* Smith R.J.
Huélamo N., Franqueira M., Gómez de Castro A.I., The far-UV spectrum of T Tauri stars – I. The relevance of the *IUE* Newly Extracted Spectra, **312,** 833

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Hughes D.H. *see* Peacock J.A.
Hughes D.H., Kukula M.J., Dunlop J.S., Boroson T., Optical off-nuclear spectra of quasar hosts and radio galaxies, **316,** 204
Hughes D.W. *see* Wissink J.G.
Hughes D.W., A model of the macro-features of the surface layer of a cometary nucleus, **316,** 642
Hughes D.W., A new approach to the calculation of the cratering rate of the Earth over the last 125 ± 20 Myr, **317,** 429
Hughes D.W., Williams I.P., The velocity distributions of periodic comets and stream meteoroids, **315,** 629
Hunstead R.W. *see* Venturi T.
Hurlburt N.E., Rucklidge A.M., Development of structure in pores and sunspots: flows around axisymmetric magnetic flux tubes, **314,** 793
Hurley J.R., Pols O.R., Tout C.A., Comprehensive analytic formulae for stellar evolution as a function of mass and metallicity, **315,** 543
Hurst M.E. *see* Lloyd Evans T.
Hurst M.E. *see* Sarre P.J.
Hussain G.A.J., Donati J.-F., Collier Cameron A., Barnes J.R., Comparisons of images derived from independent Zeeman Doppler imaging codes, **318,** 961
Hutchings R.M., Thomas P.A., In-shock cooling in numerical simulations, **319,** 721
Hütsi G. *see* Gramann M.
Hüttemeister S. *see* Barone L.T.
Hynes R.I. *see* Zurita C.
Hyung S., Aller L.H., Feibelman W.A., Lee W.B., de Koter A., The optical spectrum of the planetary nebula NGC 6543, **318,** 77

Ibáñez J.M^{a} *see* Pons J.A.
Ibbetson P. *see* Vuille F.
Ibbetson P.A. *see* Handler G.
Ideta M., Hozumi S., Tsuchiya T., Takizawa M., Time evolution of galactic warps in prolate haloes, **311,** 733
Iglesias-Paramo J. *see* Hernandez M.
Ignace R., Oskinova L.M., Foullon C., Exospheric models for the X-ray emission from single Wolf–Rayet stars, **318,** 214
Igumenshchev I.V. *see* Abramowicz M.A.
Igumenshchev I.V., Unipolar outflows and global meridional circulations in rotating accretion flows, **314,** 54
Ikebe Y. *see* Fukazawa Y.
Ikebe Y., Leighly K., Tanaka Y., Nakagawa T., Terashima Y., Komossa S., *RXTE* observation of NGC 6240: a search for the obscured active nucleus, **316,** 433
Ikeuchi S. *see* Kitayama T.
Imanishi M., The 3.4-μm absorption feature towards the nucleus of NGC 5506, **313,** 165
Imanishi M., The 3.4-μm absorption feature towards three obscured active galactic nuclei, **319,** 331
Inoue H. *see* Fox D.W.
Inoue H. *see* Iwasawa K.
Inoue K.T., Tomita K., Sugiyama N., Temperature correlations in a compact hyperbolic universe, **314,** L21
Ioannou Z. *see* Webb N.A.
Irwin M. *see* Tolstoy E.
Irwin M.J. *see* Totten E.J.
Isaak G.R. *see* Chaplin W.J.
Isaak K.G. *see* Lisenfeld U.
Ishii M. *see* Sugai H.
Ishwara-Chandra C.H., Saikia D.J., Relativistic beaming effects in the spectra of cores and hotspots in radio galaxies and quasars, **317,** 658
Israel G.L., Covino S., Campana S., Polcaro V.F., Roche P., Stella L., Di Paola A., Lazzati D., Mereghetti S., Giallongo E., Fontana A., Verrecchia F., The discovery of the optical/IR counterpart of the 12-s transient X-ray pulsar GS 0834–43, **314,** 87
Israelian G., Herrero A., Musaev F., Kaufer A., Galeev A., Galazutdinov G., Santolaya-Rey E., The spectral variations of the O-type runaway supergiant HD 188209, **316,** 407
Ivison R. *see* Dunne L.
Ivison R.J. *see* Fabian A.C.
Ivison R.J. *see* Peacock J.A.
Ivison R.J., Smail I., Barger A.J., Kneib J.-P., Blain A.W., Owen F.N., Kerr T.H., Cowie L.L., The diversity of SCUBA-selected galaxies, **315,** 209
Iwasawa K. *see* Fabian A.C.
Iwasawa K. *see* Fox D.W.
Iwasawa K. *see* Lee J.C.
Iwasawa K. *see* Matt G.
Iwasawa K. *see* Ruszkowski M.
Iwasawa K., Ettori S., Fabian A.C., Edge A.C., Ebeling H., Zw 1718.1–0108: a highly disturbed galaxy cluster at low Galactic latitude, **313,** 515
Iwasawa K., Fabian A.C., Almaini O., Lira P., Lawrence A., Hayashida K., Inoue H., X-ray absorption and rapid variability of the dwarf Seyfert nucleus of NGC 4395, **318,** 879

Jackson N., Xanthopoulos E., Browne I.W.A., NICMOS images of JVAS/CLASS gravitational lens systems, **311,** 389
Jackson N.J. *see* Phillips P.M.
Jackson N.J. *see* Tadhunter C.N.
Jacob A.P., Bedding T.R., Robertson J.G., Scholz M., Wavelength dependence of angular diameters of M giants: an observational perspective, **312,** 733
Jacoby G.H. *see* Jurcevic J.S.
Jaffe A.H. *see* Ferreira P.G.
Jahan-Miri M. *see* Rezania V.
Jain B. *see* Munshi D.
James D.J. *see* Barnes J.R.
James D.J. *see* Hernandez M.
James D.J. *see* Jeffries R.D.
James D.J., Jardine M.M., Jeffries R.D., Randich S., Collier Cameron A., Ferreira M., X-ray emission from nearby M-dwarfs: the super-saturation phenomenon, **318,** 1217
James D.M. *see* Stathakis R.A.
James P.A. *see* Hernandez M.
James P.A. *see* Mobasher B.
James P.A., Mobasher B., The stellar content of brightest cluster galaxies, **317,** 259
Jameson R.F. *see* Holland K.
Jameson R.F. *see* Pinfield D.J.
Janiuk A., Czerny B., Życki P.T., On the effect of coronal outflow on spectra formation in galactic black hole systems, **318,** 180
Janiuk A., Życki P.T., Czerny B., The role of advection in the accreting corona model for active galactic nuclei and Galactic black holes, **314,** 364
Jardine M. *see* Kitchatinov L.L.
Jardine M.M. *see* James D.J.
Jarvis M.J. *see* Willott C.J.
Jarvis M.J., Rawlings S., On the redshift cut-off for flat-spectrum radio sources, **319,** 121
Jean P., Hernanz M., Gómez-Gomar J., José J., Galactic 1.275-MeV emission from ONe novae and its detectability by *INTEGRAL*/SPI, **319,** 350
Jeffery C.S. *see* Saio H.
Jeffery C.S., Pollacco D., Radial velocities of pulsating subdwarf B stars: KPD 2109 + 4401 and PB 8783, **318,** 974
Jeffries R.D. *see* Briggs K.R.
Jeffries R.D. *see* Hopwood M.E.L.
Jeffries R.D. *see* James D.J.
Jeffries R.D. *see* Pozzo M.
Jeffries R.D., Totten E.J., James D.J., Rotation and activity in the solar-type stars of NGC 2547, **316,** 950
Jehn R. *see* Göckel C.
Jenkins A. *see* Ciardi B.
Jenkins A. *see* Colberg J.M.
Jenkins A. *see* Colombi S.
Jenkins A. *see* Kay S.T.
Jenkins A. *see* Szapudi I.
Jenness T. *see* Peacock J.A.
Jenness T. *see* Smith K.W.
Jenniskens P. *see* LeBlanc A.G.
Jeong J.-H. *see* Han C.

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Jessop N.E., Ward-Thompson D., A far-infrared survey of molecular cloud cores, **311,** 63
Jeyakumar S., Saikia D.J., Collimation of extragalactic radio jets in compact steep-spectrum and larger sources, **311,** 397
Jha S., Torres G., Stefanik R.P., Latham D.W., Mazeh T., Studies of multiple stellar systems – III. Modulation of orbital elements in the triple-lined system HD 109648, **317,** 375
Jiang I.-G., Binney J., The orbit and mass of the Sagittarius dwarf galaxy, **314,** 468
Jimenez R. *see* Heavens A.F.
Jiménez-Benito L., Díaz A.I., Terlevich R., Terlevich E., Stellar indices and kinematics in Seyfert 1 nuclei, **317,** 907
Jin W.J. *see* Tang Z.H.
Johansson S. *see* Pickering J.C.
Johnson R.A. *see* Lira P.
Johnston S. *see* Gaensler B.M.
Johnstone R.M. *see* Fabian A.C.
Johnstone R.M. *see* Wilman R.J.
Jones A. *see* Hellier C.
Jones A. *see* Skopal A.
Jones A.W. *see* Giardino G.
Jones D.H. *see* Stathakis R.A.
Jones K. *see* Gordon S.
Jones L.R. *see* Fairley B.W.
Jones L.R. *see* Singh K.P.
Jones L.R., Ponman T.J., Forbes D.A., Multiwavelength observations of an evolved galaxy group: an end-point of galaxy merging?, **312,** 139
Jones P.A. *see* Stanimirovic S.
Jonker P.G., Fender R.P., Hambly N.C., van der Klis M., The infrared counterpart of the Z source GX 5–1, **315,** L57
Jordan C. *see* McMurry A.D.
Jordi C. *see* Ribas I.
José J. *see* Jean P.
Joshi B.C., Vivekanand M., A study of subpulse phase correlation across nulls in PSR B0031–07, **316,** 716
Joshi M. *see* Oliver S.
Jugaku J. *see* Hasegawa T.
Jurcevic J.S. *see* Pierce M.J.
Jurcevic J.S., Pierce M.J., Jacoby G.H., Period–luminosity relations for red supergiant variables – II. The distance to M101, **313,** 868

Kaczmarczyk G., Interstellar CO towards X Persei (HD 24534) – I. One-component model, **312,** 794
Kaczmarczyk G., Interstellar CO towards X Persei (HD 24534) – II. Two-component model, **316,** 875
Kaiser C.R. *see* Schoenmakers A.P.
Kaiser C.R., Schoenmakers A.P., Röttgering H.J.A., Radio galaxies with a 'double-double' morphology – II. The evolution of double-double radio galaxies and implications for the alignment effect in FRII sources, **315,** 381
Kalenskii S.V. *see* Val'tts I.E.
Kaltcheva N.T., Hilditch R.W., The distribution of bright OB stars in the Canis Major–Puppis–Vela region of the Milky Way, **312,** 753
Kaltcheva N.T., The region of Collinder 121, **318,** 1023
Kamionkowski M. *see* Catelan P.
Kamionkowski M. *see* Sugerman B.
Kamionkowski M. *see* Verde L.
Kamphuis J. *see* Frick P.
Kanaan A. *see* Vuille F.
Kandrup H.E. *see* Siopis C.
Kandrup H.E., Pogorelov I.V., Sideris I.V., Chaotic mixing in noisy Hamiltonian systems, **311,** 719
Kanekar N. *see* Chengalur J.N.
Kanekar N. *see* Engineer S.
Karakas A.I., Tout C.A., Lattanzio J.C., The eccentricities of the barium stars, **316,** 689
Karas V. *see* Martocchia A.
Karas V., Czerny B., Abrassart A., Abramowicz M.A., A cloud model of active galactic nuclei: the iron Kα line diagnostics, **318,** 547
Karino S. *see* Yoshida Shin'ichirou
Karoji H. *see* Hasegawa T.
Kaspi V.M. *see* Lyne A.G.
Kaspi V.M. *see* Wang N.
Kato T., Nogami D., Baba H., Hanson G., Poyner G., CR Boo: the 'helium ER UMa star' with a 46.3-d supercycle, **315,** 140
Katsiyannis A. *see* Keenan F.P.
Katz J., Okamoto I., Fluctuations in isothermal spheres, **317,** 163
Kaufer A. *see* Israelian G.
Kauffmann G. *see* Gil de Paz A.
Kauffmann G. *see* Haehnelt M.G.
Kauffmann G., Haehnelt M., A unified model for the evolution of galaxies and quasars, **311,** 576
Kawakami H. *see* Fordham J.L.A.
Kay S.T., Pearce F.R., Jenkins A., Frenk C.S., White S.D.M., Thomas P.A., Couchman H.M.P., Parameter tests within cosmological simulations of galaxy formation, **316,** 374
Keeble O. *see* Plionis M.
Keeble O. *see* Rowan-Robinson M.
Keeble O. *see* Saunders W.
Keenan F.P. *see* Lehner N.
Keenan F.P., Botha G.J.J., Matthews A., Lawson K.D., Coffey I.H., Extreme ultraviolet emission lines of Ni XII in laboratory and solar spectra, **318,** 37
Keenan F.P., O'Shea E., Thomas R.J., Brosius J.W., Katsiyannis A., Ryans R.S.I., Reid R.H.G., Pradhan A.K., Zhang H.L., Si X emission lines in spectra obtained with the *Solar EUV Rocket Telescope and Spectrograph* (*SERTS*), **315,** 450
Kellett B.J. *see* Tsikoudi V.
Kemp J. *see* Hellier C.
Kemp S.N. *see* Fassia A.
Kemp S.N. *see* Hernandez M.
Kenny H.T. *see* Watson S.K.
Kenyon M. *see* Pozzo M.
Kepler S.O. *see* Vuille F.
Kerr T.H. *see* Ivison R.J.
Kessel-Deynet O., Burkert A., Ionizing radiation in smoothed particle hydrodynamics, **315,** 713
Kester D.J.M. *see* Stanimirovic S.
Kesteven M.J. *see* Subrahmanyan R.
Kiikov S.O. *see* Gnedin Yu.N.
Kikuchi K. *see* Fukazawa Y.
Kilmartin P.M. *see* Watson L.C.
Kim E., Lee M.G., Geisler D., Wide-field CCD surface photometry of the giant elliptical galaxy NGC 4472 in the Virgo cluster, **314,** 307
Kim H.-I. *see* Han C.
King A. *see* Kolb U.
King A.R., Black hole transients and the Eddington limit, **312,** L39
King A.R., The population of faint transients in the Galactic Centre, **315,** L33
King J.E. *see* Schulz S.A.
Kirilova D.P., Chizhov M.V., Non-GUT baryogenesis and large-scale structure of the Universe, **314,** 256
Kirkpatrick J.D. *see* Gizis J.E.
Kiss L.L., Vinkó J., A photometric and spectroscopic study of the brightest northern Cepheids – III. A high-resolution view of Cepheid atmospheres, **314,** 420
Kissler-Patig M. *see* Brown R.J.N.
Kitayama T. *see* Susa H.
Kitayama T., Tajiri Y., Umemura M., Susa H., Ikeuchi S., Radiation–hydrodynamical collapse of pre-galactic clouds in the ultraviolet background, **315,** L1
Kitchatinov L.L., Jardine M., Donati J.-F., Magnetic cycle of LQ Hydrae: observational indications and dynamo model, **318,** 1171
Klein U. *see* Barone L.T.
Kleinman S.J. *see* Vuille F.
Klemperer W. *see* Yan M.
Kley W. *see* Nelson R.P.
Kley W., On the migration of a system of protoplanets, **313,** L47
Klumpe E.W. *see* Vuille F.
Klypin A.A. *see* Knebe A.
Knapen J.H. *see* Pérez-Ramírez D.

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Knebe A., Kravtsov A.V., Gottlöber S., Klypin A.A., On the effects of resolution in dissipationless cosmological simulations, **317,** 630
Kneib J.-P. *see* Fabian A.C.
Kneib J.-P. *see* Ivison R.J.
Knigge C. *see* Prinja R.K.
Kobak T., Ostrowski M., Energetic particle acceleration in a three-dimensional magnetic field reconnection model: the role of magnetohydrodynamic turbulence, **317,** 973
Kocer D. *see* Adelman S.J.
Kochenov P.Yu. *see* Gabuzda D.C.
Koen C., Laney D., Rapidly oscillating M giant stars?, **311,** 636
Koen C., The analysis of indexed astronomical time series – VI. Covariances of amplitude ratios and phase differences estimated from multicolour photometry of a pulsating star, **316,** 613
Koenigsberger G. *see* Marchenko S.V.
Kokkotas K.D. *see* Font J.A.
Kolatt T.S. *see* Somerville R.S.
Kolb U. *see* Baraffe I.
Kolb U. *see* North R.C.
Kolb U., Davies M.B., King A., Ritter H., The violent past of Cygnus X-2, **317,** 438
Kollgaard R.I. *see* Gabuzda D.C.
Komossa S. *see* Ikebe Y.
Konenkov D., Geppert U., The effect of the neutron-star crust on the evolution of a core magnetic field, **313,** 66
Kong A.K.H., Homer L., Kuulkers E., Charles P.A., Smale A.P., X-ray/optical bursts from GS 1826–24, **311,** 405
Kong A.K.H., Kuulkers E., Charles P.A., Homer L., The 'off' state of GX 339–4, **312,** L49
Kontizas E. *see* Oliver S.
Kontizas M. *see* Oliver S.
Koo D.C. *see* Waddington I.
Koopmans L.V.E. *see* Biggs A.D.
Koopmans L.V.E. *see* Phillips P.M.
Kopp M., Roueff E., Pineau des Forêts G., The role of the geometry and dust environment in stationary models of translucent interstellar clouds, **315,** 37
Koribalski B. *see* Gordon S.
Kotilainen J.K. *see* Oliver S.
Kouveliotou C. *see* Stathakis R.A.
Kravtsov A.V. *see* Knebe A.
Kravtsov A.V., Yepes G., On the supernova heating of the intergalactic medium, **318,** 227
Krełowski J. *see* Galazutdinov G.A.
Kruse G., Schneider P., The non-Gaussian tail of cosmic-shear statistics, **318,** 321
Krzesiński J. *see* Vuille F.
Kudlicki A., Chodorowski M., Plewa T., Różyczka M., Reconstructing cosmic peculiar velocities from the mildly non-linear density field, **316,** 464
Kuijken K. *see* Douglas N.G.
Kuijken K. *see* Gerssen J.
Kuiper T.B.H. *see* McCutcheon W.H.
Kukula M.J. *see* Hughes D.H.
Kukula M.J. *see* McLure R.J.
Kukula M.J. *see* Thean A.
Kulsrud R. *see* Malyshkin L.
Kulsrud R.M. *see* Rafikov R.R.
Kun M., Vinkó J., Szabados L., Star formation in the Cepheus Flare region – II. A-type stars associated with *IRAS* sources, **319,** 777
Kuntschner H., The stellar populations of early-type galaxies in the Fornax cluster, **315,** 184
Kunze D. *see* Oliver S.
Kupka F. *see* Cowley C.R.
Kurtz D.W. *see* Handler G.
Kus A.J. *see* Szymczak M.
Kuulkers E. *see* Berendsen S.G.H.
Kuulkers E. *see* Kong A.K.H.
Kuzanyan K.M. *see* Belvedere G.
Kuznetsova Y. *see* Zurita C.

La Franca F. *see* Oliver S.
Lacey C. *see* Valageas P.
Lacey C.G. *see* Benson A.J.
Lacey C.G. *see* Cole S.
Lacy M. *see* Willott C.J.
Lacy M. *see* Wold M.
Lahav O. *see* Heavens A.F.
Lahav O. *see* Magliocchetti M.
Lahav O. *see* Nusser A.
Lahav O., Bridle S.L., Hobson M.P., Lasenby A.N., Sodré L., Jr, Bayesian 'hyper-parameters' approach to joint estimation: the Hubble constant from CMB measurements, **315,** L45
Lahav O., Santiago B.X., Webster A.M., Strauss M.A., Davis M., Dressler A., Huchra J.P., The supergalactic plane revisited with the Optical Redshift Survey, **312,** 166
Laine S. *see* Pérez-Ramírez D.
Laing R.A. *see* Bondi M.
Lambert D.L. *see* Lehner N.
Lambert D.L. *see* Lyubimkov L.S.
Lambert D.L. *see* Rao N.K.
Lambert J.C. *see* Athanassoula E.
Lamer G., Uttley P., M^{c}Hardy I.M., *RXTE* observations of the Seyfert galaxy NGC 5506: evidence for reflection from disc and torus, **319,** 949
Lampton M. *see* Brosch N.
Landstreet J.D. *see* Wade G.A.
Laney D. *see* Koen C.
Lanza A.F., Rodonò M., Rosner R., Dynamo action and the period gap in cataclysmic variables, **314,** 398
Lanzetta K. *see* Phillipps S.
Lanzetta K.M. *see* Ćirković M.M.
Lanzoni B., Mamon G.A., Guiderdoni B., Merging history trees for dark matter haloes: tests of the Merging Cell Model in a CDM cosmology, **312,** 781
Lari C. *see* Oliver S.
Larionov G.M. *see* Val'tts I.E.
Larionov V.M. *see* Lyubimkov L.S.
Larionova L.V. *see* Lyubimkov L.S.
Larsen S.S., Young massive star clusters in M51, **319,** 893
Larwood J.D. *see* Papaloizou J.C.B.
LaSala J. *see* Bałucińska-Church M.
Lasenby A.N. *see* Barreiro R.B.
Lasenby A.N. *see* Challinor A.D.
Lasenby A.N. *see* Dabrowski Y.
Lasenby A.N. *see* Lahav O.
Lasenby A.N. *see* Mukherjee P.
Lasota J.-P. *see* Abramowicz M.A.
Lasota J.-P. *see* Menou K.
Latham D.W. *see* Jha S.
Lattanzi M.G., Spagna A., Sozzetti A., Casertano S., Space-borne global astrometric surveys: the hunt for extrasolar planets, **317,** 211
Lattanzio J.C. *see* Karakas A.I.
Laurikainen E. *see* Salo H.
Law-Green D. *see* Reeves J.N.
Lawrence A. *see* Almaini O.
Lawrence A. *see* Efstathiou A.
Lawrence A. *see* Iwasawa K.
Lawrence A. *see* Lira P.
Lawrence A. *see* Oliver S.
Lawrence A. *see* Peacock J.A.
Lawrence A. *see* Serjeant S.
Lawson K.D. *see* Keenan F.P.
Lawson P.R. *see* Young J.S.
Lay O.P. *see* Brown D.W.
Lazarian A. *see* Efroimsky M.
Lazzati D. *see* Ghisellini G.
Lazzati D. *see* Israel G.L.
Le Bourlot J. *see* Flower D.R.

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Le Louarn M., Hubin N., Sarazin M., Tokovinin A., New challenges for adaptive optics: extremely large telescopes, **317,** 535
Leahy D.A., *Ginga* observations of Her X-1 in the short high state: evidence for an extended emission region, **315,** 735
Leahy D.A., Yin D., Erratum: X-ray analysis of the cluster 3C 129, **315,** 432
Leahy D.A., Yin D., X-ray analysis of the cluster 3C 129, **313,** 617
LeBlanc A.G., Murray I.S., Hawkes R.L., Worden P., Campbell M.D., Brown P., Jenniskens P., Correll R.R., Montague T., Babcock D.D., Evidence for transverse spread in Leonid meteors, **313,** L9
LeBlanc F. *see* Alecian G.
Lee D., Allington-Smith J.R., An experimental investigation of immersed gratings, **312,** 57
Lee H.M. *see* Takahashi K.
Lee J.-K., Burton M.G., An infrared proper motion study of the Orion bullets, **315,** 11
Lee J.C., Fabian A.C., Reynolds C.S., Brandt W.N., Iwasawa K., The X-ray variability of the Seyfert 1 galaxy MCG–6-30-15 from long *ASCA* and *RXTE* observations, **318,** 857
Lee M.G. *see* Kim E.
Lee W.B. *see* Hyung S.
Lee W.H., Newtonian hydrodynamics of the coalescence of black holes with neutron stars – III. Irrotational binaries with a stiff equation of state, **318,** 606
Lee Y.-S. *see* Han C.
Leeuw L.L., Sansom A.E., Robson E.I., SCUBA observations of the elliptical galaxy NGC 4374, **311,** 683
Leeuwin F. *see* De Bruyne V.
Leeuwin F., Athanassoula E., Central cusp caused by a supermassive black hole in axisymmetric models of elliptical galaxies, **317,** 79
Lehner M.J. *see* Alcock C.
Lehner N., Dufton P.L., Lambert D.L., Ryans R.S.I., Keenan F.P., High-resolution optical spectroscopy of the sharp-lined B-type star HD 83206, **314,** 199
Lehnert M.D. *see* Best P.N.
Leibowitz E.M. *see* Handler G.
Leibowitz E.M. *see* Shemmer O.
Leibowitz E.M. *see* Vuille F.
Leighly K. *see* Ikebe Y.
Lemke D. *see* Efstathiou A.
Lemke D. *see* Oliver S.
Lemke D. *see* Serjeant S.
Lemoine R. *see* Wilkinson A.
Lemson G. *see* Somerville R.S.
Lépine J.R.D., Leroy P., A new model for the infrared brightness of the Galaxy, **313,** 263
Leroy P. *see* Lépine J.R.D.
Letawsky M. *see* Schade D.J.
Levinson A. *see* Eldar A.
Lewin W.H.G. *see* Fox D.W.
Lewis D.J., Simnett G.M., Bulk flow velocities in the solar corona, **317,** 1005
Lewis G.F., Chapman S.C., SCUBA observations of Hawaii 167, **318,** L31
Lewis I.J. *see* Stathakis R.A.
Li K., Gu X., Chen X., Calculations and physical properties of the D3 emission lines of a prominence, **313,** 761
Li K., Gu X., Xiang F., Liu X., Chen X., Sunspot groups at high latitude, **317,** 897
Li Z.S. *see* Biémont E.
Lia C. *see* Buonomo F.
Lia C., Carraro G., A parallel TreeSPH code for galaxy formation, **314,** 145
Liddle A.R. *see* da Silva A.C.
Lilje P.B. *see* Wold M.
Lilly S.J. *see* Gear W.K.
Lilly S.J. *see* Le Fèvre O.
Lima J.A.S., Alcaniz J.S., Constraining the cosmic equation of state from old galaxies at high redshift, **317,** 893
Lima J.A.S., Silva A.I., Viegas S.M., Is the radiation temperature–redshift relation of the standard cosmology in accordance with the data?, **312,** 747
Lin W.P., Börner G., Mo H.J., Low-redshift quasar Lyα absorption-line systems associated with galaxies, **319,** 517
Linden-Vørnle M.J.D. *see* Efstathiou A.
Linden-Vørnle M.J.D. *see* Oliver S.
Linnell A.P., Progress on a model for β Lyrae, **319,** 255
Lira P. *see* Iwasawa K.
Lira P., Lawrence A., Johnson R.A., Multiwavelength study of the nuclei of a volume-limited sample of galaxies – I. X-ray observations, **319,** 17
Lisenfeld U., Isaak K.G., Hills R., Dust and gas in luminous infrared galaxies – results from SCUBA observations, **312,** 433
Liske J., On the cosmological distance and redshift between any two objects, **319,** 557
Liske J., Webb J.K., Williger G.M., Fernández-Soto A., Carswell R.F., Large-scale structure in the Lyman-α forest – II. Analysis of a group of 10 QSOs, **311,** 657
Lister T.A. *see* Hernandez M.
Lister T.A., McDermid R.M., Hilditch R.W., A photometric study of the contact binaries V523 Cas and TY UMa, **317,** 111
Little L.T. *see* Gibb A.G.
Little L.T. *see* Phillips R.R.
Littlefair S. *see* Mason E.
Littlefair S. *see* Skidmore W.
Littlefair S.P. *see* Dhillon V.S.
Littlefair S.P., Dhillon V.S., Howell S.B., Ciardi D.R., *J*-band spectroscopy of cataclysmic variables, **313,** 117
Litzén U. *see* Pickering J.C.
Liu X. *see* Li K.
Liu X.-W., Storey P.J., Barlow M.J., Danziger I.J., Cohen M., Bryce M., NGC 6153: a super-metal-rich planetary nebula?, **312,** 585
Lloyd Evans T. *see* Sarre P.J.
Lloyd Evans T., Hurst M.E., Sarre P.J., IRAS 12311–3509: a carbon star with SiC_2 emission, **319,** 111
Lloyd-Davies E.J., Ponman T.J., Cannon D.B., The entropy and energy of intergalactic gas in galaxy clusters, **315,** 689
Loaring N. *see* Boyle B.J.
Lobel A., Bagnulo S., Doyle J.G., Power C., Modelling near-IR spectra and mid-IR dust emission of Mira variables at different phases, **317,** 391
Lobo J.A., Multiple mode gravitational wave detection with a spherical antenna, **316,** 173
Lockley J.J. *see* Wood J.H.
Loewenstein M. *see* Boldt E.
Loewenstein R.F. *see* Bell E.F.
Łokas E.L., Universal profile of dark matter haloes and the spherical infall model, **311,** 423
Londish D., Boyle B.J., Schade D.J., The space density of low-redshift active galactic nuclei, **318,** 411
Longair M.S. *see* Arshakian T.G.
Longair M.S. *see* Best P.N.
Longair M.S. *see* Peacock J.A.
Longo G. *see* Andreon S.
Lonsdale C.J. *see* Wolstencroft R.D.
López J.A. *see* Meaburn J.
López J.A. *see* Raga A.
López S. *see* Fassia A.
López-Corredoira M. *see* Hammersley P.L.
López-Corredoira M., Hammersley P.L., Garzón F., Simonneau E., Mahoney T.J., Inversion of stellar statistics equation for the Galactic bulge, **313,** 392
López-Martín L. *see* Raga A.
Lorenz-Martins S., Pompeia L , Modelling of oxygen-rich envelopes using corundum and silicate grains, **315,** 856
Lou Y.-Q., Fan Z., Large-scale magnetohydrodynamic density-wave structures in the Andromeda nebula, **315,** 646

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Loveday J., The *K*-band luminosity function of nearby field galaxies, **312,** 557
Lowe G. *see* Handler G.
Lowenthal J. *see* Roche N.
Lu T. *see* Huang Y.F.
Lu T. *see* Wang X.Y.
Lu W. *see* Rucinski S.M.
Lu Y. *see* Ding S.-X.
Lu Y. *see* Yu Q.
Lu Y., Cheng K.S., Yang L.T., Zhang L., A massive thick disc around a massive black hole and its runaway instability, **314,** 453
Lubow S.H. *see* Bate M.R.
Lucas P.W., Blundell K.M., Roche P.F., A high-resolution radio survey of Class I protostars, **318,** 526
Lucas P.W., Roche P.F., A population of very young brown dwarfs and free-floating planets in Orion, **314,** 858
Lucchin F. *see* Cojazzi P.
Lucchin F. *see* Moscardini L.
Lucek S.G., Bell A.R., Non-linear amplification of a magnetic field driven by cosmic ray streaming, **314,** 65
Lucey J.R. *see* Smith R.J.
Lucy L.B., Hypothesis testing for meagre data sets, **318,** 92
Lukash V.N., Mikheeva E.V., Müller V., Malinovsky A.M., Generalized inflation with a gravitational wave background, **317,** 795
Lumsden S.L. *see* Alexander D.M.
Lumsden S.L. *see* Ruiz M.
Luo Q. *see* Machabeli G.Z.
Luo Q., Shibata S., Melrose D.B., High-energy emission from millisecond pulsars: polar cap models, **318,** 943
Lynden-Bell D., Carter separable electromagnetic fields, **312,** 301
Lyne A.G. *see* Wang N.
Lyne A.G., Camilo F., Manchester R.N., Bell J.F., Kaspi V.M., D'Amico N., McKay N.P.F., Crawford F., Morris D.J., Sheppard D.C., Stairs I.H., The Parkes Multibeam Pulsar Survey: PSR J1811–1736, a pulsar in a highly eccentric binary system, **312,** 698
Lyne A.G., Mankelow S.H., Bell J.F., Manchester R.N., Radio pulsars in Terzan 5, **316,** 491
Lyne A.G., Shemar S.L., Smith F.G., Statistical studies of pulsar glitches, **315,** 534
Lyubimkov L.S., Lambert D.L., Rachkovskaya T.M., Rostopchin S.I., Tarasov A.E., Poklad D.B., Larionov V.M., Larionova L.V., Surface abundances of light elements for a large sample of early B-type stars – I. Spectral observations of 123 stars; measurements of hydrogen and helium lines; infrared photometry, **316,** 19
Lyutikov M., Excitation of Alfvén waves and pulsar radio emission, **315,** 31

McCall A. *see* Clark S.
McCall A. *see* Gledhill T.M.
McCaughrean M.J. *see* Davis C.J.
McConnell D., Ables J.G., Radio sources near the core of the globular cluster 47 Tucanae, **311,** 841
McCracken H.J. *see* Doroshkevich A.G.
McCracken H.J., Metcalfe N., Shanks T., Campos A., Gardner J.P., Fong R., Galaxy number counts – IV. Surveying the Herschel Deep Field in the near-infrared, **311,** 707
McCracken H.J., Shanks T., Metcalfe N., Fong R., Campos A., Galaxy clustering in the Herschel Deep Field, **318,** 913
McCutcheon W.H., Sandell G., Matthews H.E., Kuiper T.B.H., Sutton E.C., Danchi W.C., Sato T., Star formation in NGC 6334 I and I(N), **316,** 152
McDermid R.M. *see* Lister T.A.
MacFarland T.J. *see* Colberg J.M.
MacGillivray H.T. *see* Collins C.A.
McGowan K.E. *see* Alcock C.
Machabeli G.Z., Luo Q., Melrose D.B., Vladimirov S., A new mechanism for pulsar gamma-ray emission, **312,** 51
M^{c}Hardy I.M. *see* Lamer G.
M^{c}Hardy I.M. *see* Uttley P.
Macias-Perez J.F. *see* Harrison D.L.
Maciejewski W., Sparke L.S., Orbits supporting bars within bars, **313,** 745
Mackay C.D. *see* Gray M.E.
Mackay C.D. *see* Young J.S.
McKay N.P.F. *see* Lyne A.G.
McLure R.J., Dunlop J.S., Kukula M.J., Two-dimensional modelling of optical *Hubble Space Telescope* and infrared tip–tilt images of quasar host galaxies, **318,** 693
McLure R.J., Dunlop J.S., The evolution of 3CR radio galaxies from $z = 1$, **317,** 249
McMahon R.G. *see* Efstathiou A.
McMahon R.G. *see* Gray M.E.
McMahon R.G. *see* Mason K.O.
McMahon R.G. *see* Monaco P.
McMahon R.G. *see* Oliver S.
McMahon R.G. *see* Rowan-Robinson M.
McMahon R.G. *see* Saunders W.
McMahon R.G. *see* Serjeant S.
McMurry A.D., Jordan C., The outer atmosphere of α Tau – III. Inhomogeneities deduced from cold CO fluorescence, **313,** 423
Madau P. *see* Sullivan M.
Madau P., Pozzetti L., Deep galaxy counts, extragalactic background light and the stellar baryon budget, **312,** L9
Maddox S. *see* Rowan-Robinson M.
Maddox S. *see* Szapudi I.
Maddox S. *see* Telles E.
Maddox S.J. *see* Basilakos S.
Maddox S.J. *see* Magliocchetti M.
Maddox S.J. *see* Monaco P.
Maddox S.J. *see* Plionis M.
Maddox S.J. *see* Saunders W.
Maddox S.J. *see* Smith R.J.
Magliocchetti M., Bagla J.S., Maddox S.J., Lahav O., The observed evolution of galaxy clustering versus epoch-dependent biasing models, **314,** 546
Magliocchetti M., Maddox S.J., Wall J.V., Benn C.R., Cotter G., The redshift distribution of FIRST radio sources at 1 mJy, **318,** 1047
Magueijo J. *see* Barrow J.D.
Mahoney S. *see* Reid I.N.
Mahoney T.J. *see* Hammersley P.L.
Mahoney T.J. *see* López-Corredoira M.
Mahra H.S. *see* Vuille F.
Maino D. *see* Baccigalupi C.
Maiolino R. *see* Vignali C.
Majumdar S., Subrahmanyan R., Constraints on structure formation models from the Sunyaev–Zel'dovich effect, **312,** 724
Makarov V.V., Urban S., A moving group of young stars in Carina–Vela, **317,** 289
Makishima K. *see* Fukazawa Y.
Makita M., Miyawaki K., Matsuda T., Two- and three-dimensional numerical simulations of accretion discs in a close binary system, **316,** 906
Malaguti G. *see* Matt G.
Malin D. *see* Calcáneo-Roldán C.
Malin D. *see* Wilkinson A.
Malinovsky A.M. *see* Lukash V.N.
Malizia A., Capalbi M., Fiore F., Giommi P., Gandolfi G., Tesseri A., Antonelli L.A., Butler R.C., Celidonio G., Coletta A., Di Ciolo L., Muller J.M., Piro L., Rebecchi S., Ricci D., Ricci R., Smith M., Torroni V., The 0.1–100 keV spectrum and variability of Mrk 421 in a high state, **312,** 123
Malkan M. *see* Fairley B.W.
Malkan M. *see* Hasegawa T.
Malyshkin L., Kulsrud R., Effect of Coulomb collisions on time variations of the solar neutrino flux, **316,** 249
Mamon G.A. *see* Lanzoni B.
Manchado A. *see* Guerrero M.A.
Manchester R.N. *see* Lyne A.G.
Manchester R.N. *see* Wang N.
Mankelow S.H. *see* Lyne A.G.
Mann R.G. *see* Efstathiou A.

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Mann R.G. *see* Oliver S.
Mann R.G. *see* Peacock J.A.
Mann R.G. *see* Serjeant S.
Mannings V. *see* Sylvester R.J.
Mannucci F. *see* Pozzetti L.
Mao S. *see* Mo H.J.
Mao S. *see* Phillips P.M.
Mao S. *see* Witt H.J.
Maran M. *see* Collander-Brown S.
Maran M.D., Williams I.P., The evolution of bodies orbiting in the trans-Neptunian region on to intermediate-type orbits, **318,** 482
Marang F. *see* Whitelock P.
Marar T.M.K. *see* Vuille F.
Marchenko S.V. *see* Pittard J.M.
Marchenko S.V., Rauw G., Antokhina E.A., Antokhin I.I., Ballereau D., Chauville J., Corcoran M.F., Costero R., Echevarria J., Eversberg T., Gayley K.G., Koenigsberger G., Miroshnichenko A.S., Moffat A.F.J., Morrell N.I., Morrison N.D., Mulliss C.L., Pittard J.M., Stevens I.R., Vreux J.-M., Zorec J., Coordinated monitoring of the eccentric O-star binary Iota Orionis: optical spectroscopy and photometry, **317,** 333
Marchenkov K., Roxburgh I., Vorontsov S., Non-linear inversion for the hydrostatic structure of the solar interior, **312,** 39
Marconi M. *see* Caputo F.
Maris M. *see* Baccigalupi C.
Marlborough J.M. *see* Millar C.E.
Marlow D.R. *see* Phillips P.M.
Márquez I. *see* Oliver S.
Marri S., Ferrara A., Pozzetti L., Gravitational lensing effects on high-redshift Type II supernova studies with the *Next Generation Space Telescope*, **317,** 265
Marsden S. *see* Donati J.-F.
Marsh T.R. *see* Dhillon V.S.
Marsh T.R. *see* Maxted P.F.L.
Marsh T.R. *see* Morales-Rueda L.
Marsh T.R. *see* North R.C.
Marshall S.L. *see* Alcock C.
Martin I. *see* Charro E.
Martin J. *see* Gangui A.
Martín-Mirones J.M. *see* Mason K.O.
Martinez P. *see* Handler G.
Martinez-Delgado D. *see* Hernandez M.
Martínez-González E. *see* Cayón L.
Martínez-González E. *see* Mason K.O.
Martocchia A., Karas V., Matt G., Effects of Kerr space–time on spectral features from X-ray illuminated accretion discs, **312,** 817
Masegosa J. *see* Oliver S.
Mashals E. *see* Vuille F.
Mason E. *see* Skidmore W.
Mason E., Skidmore W., Howell S.B., Ciardi D.R., Littlefair S., Dhillon V.S., Investigating the structure of the accretion disc in WZ Sge from multiwaveband time-resolved spectroscopic observations – II, **318,** 440
Mason K.O. *see* Ramsay G.
Mason K.O., Carrera F.J., Hasinger G., Andernach H., Aragon-Salamanca A., Barcons X., Bower R., Brandt W.N., Branduardi-Raymont G., Burgos-Martín J., Cabrera-Guerra F., Carballo R., Castander F., Ellis R.S., González-Serrano J.I., Martínez-González E., Martín-Mirones J.M., McMahon R.G., Mittaz J.P.D., Nicholson K.L., Page M.J., Pérez-Fournon I., Puchnarewicz E.M., Romero-Colmenero E., Schwope A.D., Vila B., Watson M.G., Wonnacott D., The *ROSAT* International X-ray/Optical Survey (RIXOS): source catalogue, **311,** 456
Massacand C.-M. *see* Vuille F.
Masset F. *see* Nelson R.P.
Matarrese S. *see* Moscardini L.
Matarrese S. *see* Schneider R.
Matarrese S. *see* Verde L.
Mateos S. *see* Barcons X.
Mathieu A., Merrifield M.R., From kinematics to dynamics in thin galactic discs, **318,** 40
Mathur S., Narrow-line Seyfert 1 galaxies and the evolution of galaxies and active galaxies, **314,** L17
Mathys G. *see* Cowley C.R.
Matsuda T. *see* Makita M.
Matsuda T. *see* Pogorelov N.V.
Matsumoto S. *see* Nishida S.
Matt G. *see* Martocchia A.
Matt G., Fabian A.C., Guainazzi M., Iwasawa K., Bassani L., Malaguti G., The X-ray spectra of Compton-thick Seyfert 2 galaxies as seen by *BeppoSAX*, **318,** 173
Matt S. *see* Wallerstein G.
Matthews A. *see* Keenan F.P.
Matthews B.C. *see* Brown D.W.
Matthews H.E. *see* Davis C.J.
Matthews H.E. *see* McCutcheon W.H.
Matthews P.C. *see* Wissink J.G.
Mattila K. *see* Oliver S.
Maxted P.F.L., Ferrario L., Marsh T.R., Wickramasinghe D.T., WD 1953–011: a magnetic white dwarf with peculiar field structure, **315,** L41
Maxted P.F.L., Marsh T.R., Moran C.K.J., Han Z., The triple degenerate star WD 1704 + 481, **314,** 334
Maxted P.F.L., Marsh T.R., Moran C.K.J., Radial velocity measurements of white dwarfs, **319,** 305
Maxted P.F.L., Marsh T.R., North R.C., KPD 1930 + 2752: a candidate Type Ia supernova progenitor, **317,** L41
Maxted P.F.L., Moran C.K.J., Marsh T.R., Gatti A.A., Orbital periods of the binary sdB stars PG 0940 + 068 and PG 1247 + 554, **311,** 877
Maxwell J. *see* Michaille L.
May P.W., Pineau des Forêts G., Flower D.R., Field D., Allan N.L., Purton J.A., Sputtering of grains in C-type shocks, **318,** 809
Mayya Y.D. *see* Dewangan G.C.
Mazeh T. *see* Jha S.
Meaburn J. *see* Redman M.P.
Meaburn J., O'Connor J.A., López J.A., Bryce M., Redman M.P., Noriega-Crespo A., The ejecta from the luminous blue variable star P Cygni, **318,** 561
Medupe R. *see* Handler G.
Meikle W.P.S. *see* Fassia A.
Meikle W.P.S. *see* Hernandez M.
Meikle W.P.S., The absolute infrared magnitudes of type Ia supernovae, **314,** 782
Meiksin A., Spectral analysis of the Lyα forest using wavelets, **314,** 566
Meintjes P. *see* Handler G.
Meintjes P.J., de Jager O.C., Propeller spin-down and the non-thermal emission from AE Aquarii, **311,** 611
Meištas E. *see* Vuille F.
Melatos A., Radiative precession of an isolated neutron star, **313,** 217
Melchior A.-L., Viallefond F., Guélin M., Neininger N., Detection of CO in the inner part of the bulge of M31, **312,** L29
Melhuish S.J. *see* Giardino G.
Melhuish S.J. *see* Harrison D.L.
Mellema G. *see* Raga A.
Melnick J. *see* Raimann D.
Melnick J., Terlevich R., Terlevich E., H II galaxies as deep cosmological probes, **311,** 629
Melott A.L. *see* Munshi D.
Melrose D.B. *see* Luo Q.
Melrose D.B. *see* Machabeli G.Z.
Ménard F. *see* Chrysostomou A.
Menci N., Cavaliere A., The history of cosmic baryons: X-ray emission versus star formation rate, **311,** 50
Méndez M., van der Klis M., The harmonic and sideband structure of the kilohertz quasi-periodic oscillations in Sco X-1, **318,** 938
Meneghetti M., Bolzonella M., Bartelmann M., Moscardini L., Tormen G., Effects of cluster galaxies on arc statistics, **314,** 338
Mengel M. *see* Donati J.-F.
Menou K., Hameury J.-M., Lasota J.-P., Narayan R., Disc instability models for X-ray transients: evidence for evaporation and low α-viscosity?, **314,** 498

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Menzies J.W. *see* Hasegawa T.
Mereghetti S. *see* Israel G.L.
Merloni A., Di Matteo T., Fabian A.C., Magnetic flares and the optical variability of the X-ray transient XTE J1118 + 480, **318,** L15
Merloni A., Fabian A.C., Ross R.R., On the interpretation of the multicolour disc model for black hole candidates, **313,** 193
Merrifield M.R. *see* Douglas N.G.
Merrifield M.R. *see* Drake N.
Merrifield M.R. *see* Gerssen J.
Merrifield M.R. *see* Mathieu A.
Merrifield M.R. *see* Olling R.P.
Merrifield M.R. *see* Sakelliou I.
Merrifield M.R., Forbes D.A., Terlevich A.I., The black hole mass–galaxy age relation, **313,** L29
Metcalfe N. *see* McCracken H.J.
Metzner A. *see* Schwope A.D.
Michaille L., Cañas A.D., Dainty J.C., Maxwell J., Gregory T., Quartel J.C., Reavell F.C., Wilson R.W., Wooder N.J., A laser beacon for monitoring the mesospheric sodium layer at La Palma, **318,** 139
Michel R.M. *see* Fordham J.L.A.
Mignoli M. *see* Vignali C.
Mikheeva E.V. *see* Lukash V.N.
Miley G. *see* Efstathiou A.
Miley G. *see* Oliver S.
Miley G. *see* Serjeant S.
Miley G.K. *see* Snellen I.A.G.
Millar C.E., Sigut T.A.A., Marlborough J.M., The continuum re-processing efficiency of Be-star circumstellar discs, **312,** 465
Millar T.J., Herbst E., Bettens R.P.A., Large molecules in the envelope surrounding IRC + 10216, **316,** 195
Miller A.E.S. *see* Yan M.
Miller B.A. *see* Chaplin W.J.
Miller L. *see* Boyle B.J.
Miller L. *see* Percival W.J.
Milliard B. *see* Sullivan M.
Minniti D. *see* Alcock C.
Minns A.R., Riley J.M., Compact radio sources variable at 151 MHz – I. Catalogue of sources, **315,** 839
Minns A.R., Riley J.M., Compact radio sources variable at 151 MHz – II. High-resolution observations of an unbiased sample, **318,** 827
Miralles J.A. *see* Pons J.A.
Miranda L.F. *see* Guerrero M.A.
Miranda L.F., Fernández M., Alcalá J.M., Guerrero M.A., Anglada G., Gómez Y., Torrelles J.M., Aaquist O.B., High-resolution spectroscopy and broad-band imaging of the young planetary nebula K 3-35, **311,** 748
Miroshnichenko A.S. *see* Marchenko S.V.
Missoulis V. *see* Oliver S.
Missoulis V. *see* Serjeant S.
Mitchell N.J. *see* Singer W.
Mittaz J.P.D. *see* Mason K.O.
Mittaz J.P.D. *see* Page M.J.
Miyawaki K. *see* Makita M.
Mo H.J. *see* Lin W.P.
Mo H.J., Mao S., The Tully–Fisher relation and its implications for the halo density profile and self-interacting dark matter, **318,** 163
Mobasher B. *see* James P.A.
Mobasher B. *see* Oliver S.
Mobasher B. *see* Serjeant S.
Mobasher B., James P.A., Spectroscopic constraints on the stellar population of elliptical galaxies in the Coma cluster, **316,** 507
Moffat A.F.J. *see* Hill G.M.
Moffat A.F.J. *see* Marchenko S.V.
Moffett D.A. *see* Gaensler B.M.
Molau S. *see* Singer W.
Molendi S. *see* Ettori S.
Mollá M., Ferrini F., Gozzi G., Galactic bulges, **316,** 345
Monaco P. *see* Salucci P.
Monaco P., Efstathiou G., Maddox S.J., Branchini E., Frenk C.S., McMahon R.G., Oliver S.J., Rowan-Robinson M., Saunders W., Sutherland W.J., Tadros H., White S.D.M., The one-point PDF of the initial conditions of our local Universe from the *IRAS* PSC redshift catalogue, **318,** 681
Monaco P., Salucci P., Danese L., Joint cosmological formation of QSOs and bulge-dominated galaxies, **311,** 279
Monet D.G. *see* Gizis J.E.
Montague T. *see* LeBlanc A.G.
Monteiro M.J.P.F.G., Christensen-Dalsgaard J., Thompson M.J., Seismic study of stellar convective regions: the base of the convective envelope in low-mass stars, **316,** 165
Montgomery M.H. *see* Vuille F.
Moore B. *see* Calcáneo-Roldán C.
Moorhead C.F. *see* Fordham J.L.A.
Morales C. *see* Gómez J.F.
Morales R., Fabian A.C., Reynolds C.S., An extended multi-zone model for the MCG–6-30-15 warm absorber, **315,** 149
Morales-Rueda L., Marsh T.R., Billington I., Spiral structure in IP Pegasi: how persistent is it?, **313,** 454
Moran C.K.J. *see* Maxted P.F.L.
Moran C.K.J. *see* North R.C.
Moran J.M. *see* Zheng X.W.
Morel T. *see* Oliver S.
Moreno-Insertis F., Solanki S.K., Distribution of magnetic flux on the solar surface and low-degree p-modes, **313,** 411
Morganti R. *see* Tadhunter C.N.
Morganti R. *see* Venturi T.
Morrell N.I. *see* Marchenko S.V.
Morris D.J. *see* Lyne A.G.
Morris P.W. *see* Dessart L.
Morris S.L. *see* Balogh M.L.
Morris S.L. *see* Chapman S.C.
Morrison N.D. *see* Marchenko S.V.
Mortlock D.J. *see* Wyithe J.S.B.
Mortlock D.J., Webster R.L., Gravitational lensing by elliptical galaxies, **319,** 860
Mortlock D.J., Webster R.L., The statistics of wide-separation lensed quasars, **319,** 872
Mortlock D.J., Webster R.L., Using galaxy redshift surveys to detect gravitationally lensed quasars, **319,** 879
Moscardini L. *see* Bardelli S.
Moscardini L. *see* Meneghetti M.
Moscardini L., Matarrese S., De Grandi S., Lucchin F., The correlation function of X-ray galaxy clusters in the *ROSAT* All-Sky Survey 1 Bright Sample, **314,** 647
Moscardini L., Matarrese S., Lucchin F., Rosati P., Predicting the clustering of X-ray selected galaxy clusters in flux-limited surveys, **316,** 283
Moskalik P. *see* Vuille F.
Moss C., Whittle M., An Hα survey of eight Abell clusters: the dependence of tidally induced star formation on cluster density, **317,** 667
Moss D., Brooke J., Towards a model for the solar dynamo, **315,** 521
Moultaka J., Pelat D., Error analysis for stellar population synthesis as an inverse problem, **314,** 409
Much R. *see* Fordham J.L.A.
Mücke A., Pohl M., The contribution of unresolved radio-loud AGN to the extragalactic diffuse gamma-ray background, **312,** 177
Mukai K. *see* Hellier C.
Mukherjee P., Hobson M.P., Lasenby A.N., Do wavelets really detect non-Gaussianity in the 4-year *COBE* data?, **318,** 1157
Mukhopadhyay B. *see* Chakrabarti S.K.
Muller J.M. *see* Malizia A.
Müller V. *see* Demiański M.
Müller V. *see* Lukash V.N.
Müller V., Arbabi-Bidgoli S., Einasto J., Tucker D., Voids in the Las Campanas Redshift Survey versus cold dark matter models, **318,** 280
Mulliss C.L. *see* Marchenko S.V.
Munshi D., Coles P., Weak lensing from strong clustering, **313,** 148
Munshi D., Jain B., The statistics of weak lensing at small angular scales: probability distribution function, **318,** 109

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Munshi D., Melott A.L., Coles P., Generalized cumulant correlators and hierarchical clustering, **311,** 149
Munshi D., Probing the gravity-induced bias with weak lensing: test of analytical results against simulations, **318,** 145
Murali C., Arras P., Wasserman I., Constraints on the mass and abundance of black holes in the Galactic halo: the high-mass limit, **313,** 87
Murphy M.T., Bessell M.S., Catalogue of candidate emission-line objects in the Small Magellanic Cloud, **311,** 741
Murphy M.T., Webb J.K., Heng I.S., A method for detecting gravitational waves coincident with gamma-ray bursts, **316,** 657
Murray I.S. *see* LeBlanc A.G.
Murray J.E. *see* Pickering J.C.
Murray J.R. *see* Truss M.R.
Murray J.R., The precession of eccentric discs in close binaries, **314,** L1
Murray J.R., Warner B., Wickramasinghe D.T., Eccentric discs in binaries with intermediate mass ratios: superhumps in the VY Sculptoris stars, **315,** 707
Musaev F. *see* Israelian G.
Musaev F.A. *see* Galazutdinov G.A.
Muxlow T.W.B. *see* Wills K.A.
Myers S.T. *see* Phillips P.M.

Nadeau D. *see* Pérez-Ramírez D.
Nagai D., Sulkanen M.E., Evrard A.E., A multiphase model for the intracluster medium, **316,** 120
Nagase F. *see* Bałucińska-Church M.
Nakada Y. *see* Nishida S.
Nakagawa T. *see* Ikebe Y.
Nakazawa K. *see* Fukazawa Y.
Narayan R. *see* Di Matteo T.
Narayan R. *see* Menou K.
Natarajan P. *see* Blain A.W.
Natarajan P., Almaini O., Stellar contributors to the hard X-ray background?, **318,** L21
Nather R.E. *see* Vuille F.
Navarro J.F. *see* Abadi M.G.
Naylor D.A., Davis G.R., Gom B.G., Clark T.A., Griffin M.J., Atmospheric transmission at submillimetre wavelengths from Mauna Kea, **315,** 622
Naylor T. *see* Beekman G.
Naylor T. *see* Hellier C.
Naylor T. *see* Pozzo M.
Naylor T. *see* Retter A.
Naylor T. *see* Webb N.A.
Negueruela I. *see* Reig P.
Neininger N. *see* Melchior A.-L.
Nelson C.A. *see* Alcock C.
Nelson R.P., Papaloizou J.C.B., Hydrodynamic simulations of the Bardeen–Petterson effect, **315,** 570
Nelson R.P., Papaloizou J.C.B., Masset F., Kley W., The migration and growth of protoplanets in protostellar discs, **318,** 18
Neumann D.M. *see* Collins C.A.
New R. *see* Chaplin W.J.
Nice D.J. *see* Stairs I.H.
Nicholson K.L. *see* Mason K.O.
Nishida S., Tanabé T., Nakada Y., Matsumoto S., Sekiguchi K., Glass I.S., The variability of Magellanic cluster infrared stars, **313,** 136
Nitta A. *see* Vuille F.
Nogami D. *see* Kato T.
Noguchi M., Secular evolution of late-type disc galaxies: formation of bulges and the origin of bar dichotomy, **312,** 194
Norbury M.A. *see* Phillips P.M.
Nordlund Å. *see* Torkelsson U.
Nørgaard-Nielsen H. *see* Oliver S.
Noriega-Crespo A. *see* Meaburn J.
Norris R.P. *see* Georgakakis A.
Norris R.P. *see* Rayner D.P.
North R.C. *see* Maxted P.F.L.
North R.C., Marsh T.R., Moran C.K.J., Kolb U., Smith R.C., Stehle R., A mystery solved: the mass ratio of the dwarf nova EM Cygni, **313,** 383
Norton A.J., Beardmore A.P., Retter A., Buckley D.A.H., The nature of TW Pictoris, **312,** 362
Nowak M.A., Are there three peaks in the power spectra of GX 339–4 and Cyg X-1?, **318,** 361
Nugent P. *see* Sullivan M.
Nulsen P.E.J. *see* Wilman R.J.
Nulsen P.E.J. *see* Wu K.K.S.
Nulsen P.E.J., Fabian A.C., Fuelling quasars with hot gas, **311,** 346
Nusser A. *see* Chuzhoy L.
Nusser A., Analytic solutions for coupled linear perturbations, **317,** 902
Nusser A., Branchini E., On the least action principle in cosmology, **313,** 587
Nusser A., Haehnelt M., The amplitude of mass density fluctuations at $z = 3.25$ from the Lyα forest of Q1422 + 231, **313,** 364
Nusser A., Lahav O., The Lyman α forest in a truncated hierarchical structure formation, **313,** L39

O'Brien M.S. *see* Vuille F.
O'Brien P.T. *see* Reeves J.N.
O'Brien T. *see* Hopwood M.E.L.
O'Brien T.J. *see* Eyres S.P.S.
O'Brien T.J. *see* Gill C.D.
O'Connor J.A. *see* Meaburn J.
O'Connor J.A. *see* Redman M.P.
O'Dea C.P. *see* Thean A.
Odenkirchen M. *see* Hopwood M.E.L.
Odewahn S.C. *see* Phillipps S.
O'Donoghue D. *see* Handler G.
O'Donoghue D. *see* Vuille F.
Ogilvie G.I. *see* Bate M.R.
Ogilvie G.I. *see* Gammie C.F.
Ogilvie G.I. *see* Torkelsson U.
Ogilvie G.I., An alpha theory of time-dependent warped accretion discs, **317,** 607
Ogle P.M. *see* Fabian A.C.
Ogley R.N., Bell Burnell S.J., Fender R.P., Pooley G.G., Waltman E.B., Excess submillimetre emission from GRS 1915 + 105, **317,** 158
Ohashi T. *see* Fukazawa Y.
Ohsugi Y. *see* Pogorelov N.V.
Okamoto I. *see* Beskin V.S.
Okamoto I. *see* Katz J.
Okamoto I., Acceleration and collimation of magnetized winds, **318,** 250
Okamura S. *see* Hasegawa T.
Oliver S. *see* Efstathiou A.
Oliver S. *see* Serjeant S.
Oliver S., Rowan-Robinson M., Alexander D.M., Almaini O., Balcells M., Baker A.C., Barcons X., Barden M., Bellas-Velidis I., Cabrera-Guerra F., Carballo R., Cesarsky C.J., Ciliegi P., Clements D.L., Crockett H., Danese L., Dapergolas A., Drolias B., Eaton N., Efstathiou A., Egami E., Elbaz D., Fadda D., Fox M., Franceschini A., Genzel R., Goldschmidt P., Graham M., Gonzalez-Serrano J.I., Gonzalez-Solares E.A., Granato G.L., Gruppioni C., Herbstmeier U., Héraudeau P., Joshi M., Kontizas E., Kontizas M., Kotilainen J.K., Kunze D., La Franca F., Lari C., Lawrence A., Lemke D., Linden-Vørnle M.J.D., Mann R.G., Márquez I., Masegosa J., Mattila K., McMahon R.G., Miley G., Missoulis V., Mobasher B., Morel T., Nørgaard-Nielsen H., Omont A., Papadopoulos P., Perez-Fournon I., Puget J.-L., Rigopoulou D., Rocca-Volmerange B., Serjeant S., Silva L., Sumner T., Surace C., Vaisanen P., van der Werf P.P., Verma A., Vigroux L., Villar-Martin M., Willott C.J., The European Large Area *ISO* Survey – I. Goals, definition and observations, **316,** 749
Oliver S.J. *see* Monaco P.
Oliver S.J. *see* Peacock J.A.
Oliver S.J. *see* Plionis M.

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Oliver S.J. *see* Rowan-Robinson M.
Oliver S.J. *see* Saunders W.
Olling R.P., Merrifield M.R., Two measures of the shape of the dark halo of the Milky Way, **311,** 361
O'Mara B.J. *see* Barklem P.S.
Omont A. *see* Oliver S.
Onuora L.I., Thomas P.A., The alignment of clusters using large-scale simulations, **319,** 614
Orosz J.A. *see* Coe M.J.
Ortega V.G. *see* Volkov E.
Osborne J.P. *see* Beardmore A.P.
Oscoz A. *see* Fassia A.
Oscoz A. *see* Hernandez M.
O'Shea E. *see* Keenan F.P.
Oskinova L.M. *see* Ignace R.
Ostrowski M. *see* Kobak T.
Ostrowski M., On possible 'cosmic ray cocoons' of relativistic jets, **312,** 579
Oswalt T. *see* Handler G.
Otrupcek R. *see* Val'tts I.E.
Otrupcek R. *see* Woermann B.
Ott T. *see* Genzel R.
Oudmaijer R.D. *see* Pontefract M.
Overbeek D. *see* Hellier C.
Overduin J.M., Inflationary constraints on cosmological field theory, **311,** 357
Owen F.N. *see* Ivison R.J.

Pace R.T. *see* Wang N.
Packham C. *see* Tadhunter C.N.
Padmakar, Singh K.P., Drake S.A., Pandey S.K., Optical, X-ray and radio observations of HD 61396: a probable new RS CVn-type binary, **314,** 733
Padmanabhan N. *see* Hamilton A.J.S.
Padmanabhan T. *see* Engineer S.
Padovani P. *see* Giommi P.
Page M.J. *see* Mason K.O.
Page M.J., Carrera F.J., An improved method of constructing binned luminosity functions, **311,** 433
Page M.J., Mittaz J.P.D., Carrera F.J., A survey of hard spectrum *ROSAT* sources – I. X-ray source catalogue, **318,** 1073
Page M.J., Mittaz J.P.D., Carrera F.J., An X-ray-absorbed radio-quiet QSO with an intervening strong metal absorption-line system, **312,** 207
Pajdosz G. *see* Vuille F.
Palmeri P. *see* Biémont E.
Pan J., Coles P., Large-scale cosmic homogeneity from a multifractal analysis of the PSC$_z$ catalogue, **318,** L51
Pandey S.K. *see* Padmakar
Panei J.A., Althaus L.G., Benvenuto O.G., The evolution of iron-core white dwarfs, **312,** 531
Pantano O. *see* Cojazzi P.
Papadakis I.E. *see* Uttley P.
Papadopoulos P. *see* Oliver S.
Papaloizou J.C.B. *see* Agapitou V.
Papaloizou J.C.B. *see* Nelson R.P.
Papaloizou J.C.B., Larwood J.D., On the orbital evolution and growth of protoplanets embedded in a gaseous disc, **315,** 823
Pappa A., Georgantopoulos I., Stewart G.C., X-ray observations of the ultraluminous infrared galaxy IRAS 19254–7245 (the Superantennae), **314,** 589
Park C., Cosmic momentum field and mass fluctuation power spectrum, **319,** 573
Park S.-H. *see* Han C.
Parker Q.A. *see* Hasegawa T.
Parker Q.A. *see* Stathakis R.A.
Parker Q.A. *see* Wolstencroft R.D.
Parma P. *see* Bondi M.
Pascual S. *see* Gómez J.F.
Patel N. *see* Gómez J.F.
Patterson J. *see* Rolfe D.J.
Paunzen E. *see* Andrievsky S.M.
Pavlenko E.P. *see* Zurita C.
Peacock J.A. *see* Colberg J.M.
Peacock J.A. *see* Percival W.J.
Peacock J.A. *see* Waddington I.
Peacock J.A., Rowan-Robinson M., Blain A.W., Dunlop J.S., Efstathiou A., Hughes D.H., Jenness T., Ivison R.J., Lawrence A., Longair M.S., Mann R.G., Oliver S.J., Serjeant S., Starburst galaxies and structure in the submillimetre background towards the *Hubble Deep Field*, **318,** 535
Peacock J.A., Smith R.E., Halo occupation numbers and galaxy bias, **318,** 1144
Pearce F.R. *see* Colberg J.M.
Pearce F.R. *see* Kay S.T.
Pearce F.R. *see* Thacker R.J.
Pearce F.R., Thomas P.A., Couchman H.M.P., Edge A.C., The effect of radiative cooling on the X-ray properties of galaxy clusters, **317,** 1029
Pearson D. *see* Young J.S.
Pearson T.J. *see* Phillips P.M.
Pedlar A. *see* Thean A.
Pedlar A. *see* Wills K.A.
Pedrosa A. *see* Fassia A.
Pelat D. *see* Moultaka J.
Peletier R.F. *see* de Grijs R.
Peletier R.F. *see* Pérez-Ramírez D.
Pelletier G. *see* Ferreira J.
Peña M. *see* Caplan J.
Peña M. *see* Deharveng L.
Penny A. *see* Hopwood M.E.L.
Percival W.J., Miller L., Peacock J.A., An analytic model for the epoch of halo creation, **318,** 273
Pérez E. *see* González Delgado R.M.
Pérez-Fournon I. *see* Mason K.O.
Perez-Fournon I. *see* Oliver S.
Pérez-Montero E. *see* Díaz A.I.
Pérez-Ramírez D., Knapen J.H., Peletier R.F., Laine S., Doyon R., Nadeau D., Circumnuclear regions in barred spiral galaxies – I. Near-infrared imaging, **317,** 234
Perlman E. *see* Fairley B.W.
Perlman E. *see* Giommi P.
Perrotta F. *see* Baccigalupi C.
Peterson B.A. *see* Alcock C.
Pettini M. *see* Chapman S.C.
Pettini M. *see* Ferrara A.
Phillipps S. *see* Windridge D.
Phillipps S., Driver S.P., Couch W.J., Fernandez-Soto A., Bristow P.D., Odewahn S.C., Windhorst R.A., Lanzetta K., Morphological number counts and redshift distributions to $I = 25$ from the *Hubble Deep Fields*: constraints on cosmological models from early-type galaxies, **319,** 807
Phillips P.M., Norbury M.A., Koopmans L.V.E., Browne I.W.A., Jackson N.J., Wilkinson P.N., Biggs A.D., Blandford R.D., de Bruyn A.G., Fassnacht C.D., Helbig P., Mao S., Marlow D.R., Myers S.T., Pearson T.J., Readhead A.C.S., Rusin D., Xanthopoulos E., A new quadruple gravitational lens system: CLASS B0128 + 437, **319,** L7
Phillips R.R., Little L.T., The modelling of line emission from axially symmetric structures, **317,** 179
Phillips S.N. *see* Shahbaz T.
Pichon C. *see* Genzel R.
Pickering J.C., Thorne A.P., Murray J.E., Litzén U., Johansson S., Zilio V., Webb J.K., Accurate laboratory wavelengths of some ultraviolet lines of Cr, Zn and Ni relevant to time variations of the fine structure constant, **319,** 163
Pierce M.J. *see* Jurcevic J.S.
Pierce M.J., Jurcevic J.S., Crabtree D., Period–luminosity relations for red supergiant variables – I. The calibration, **313,** 271
Pineau des Forêts G. *see* Flower D.R.
Pineau des Forêts G. *see* Kopp M.
Pineau des Forêts G. *see* May P.W.

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Pinfield D. *see* Holland K.
Pinfield D.J., Hodgkin S.T., Jameson R.F., Cossburn M.R., Hambly N.C., Devereux N., A six-square-degree survey for Pleiades low-mass stars and brown dwarfs, **313,** 347
Pinkney J.C. *see* Drake N.
Piotto G. *see* Cassisi S.
Piran T. *see* El-Ad H.
Piro L. *see* Malizia A.
Pisano D.J., Wilcots E.M., Companions and interactions in the NGC 6946 system, **319,** 821
Pittard J.M. *see* Marchenko S.V.
Pittard J.M. *see* Rauw G.
Pittard J.M., Stevens I.R., Corcoran M.F., Gayley K.G., Marchenko S.V., Rauw G., Coordinated monitoring of the eccentric O-star binary Iota Orionis: the X-ray analysis, **319,** 137
Plewa T. *see* Kudlicki A.
Plionis M. *see* Akylas A.
Plionis M. *see* Basilakos S.
Plionis M. *see* Branchini E.
Plionis M., Basilakos S., Rowan-Robinson M., Maddox S.J., Oliver S.J., Keeble O., Saunders W., Galaxy and cluster biasing from Local Group dynamics, **313,** 8
Podmore F. *see* Handler G.
Pogorelov I.V. *see* Kandrup H.E.
Pogorelov N.V., Ohsugi Y., Matsuda T., Towards steady-state solutions for supersonic wind accretion on to gravitating objects, **313,** 198
Pohl M. *see* Mücke A.
Poklad D.B. *see* Lyubimkov L.S.
Polcaro V.F. *see* Israel G.L.
Polehampton E. *see* Forbes D.A.
Pollacco D. *see* Jeffery C.S.
Pollacco D.L. *see* Dougherty S.M.
Pollacco D.L. *see* Fassia A.
Pollacco D.L. *see* Hernandez M.
Pollard K.R. *see* Watson L.C.
Pols O.R. *see* Hurley J.R.
Pompeia L. *see* Lorenz-Martins S.
Ponman T.J. *see* Helsdon S.F.
Ponman T.J. *see* Lloyd-Davies E.J.
Ponman T.J. *see* Jones L.R.
Pons J.A., Ibáñez J.M^a, Miralles J.A., Hyperbolic character of the angular moment equations of radiative transfer and numerical methods, **317,** 550
Pontefract M., Drew J.E., Harries T.J., Oudmaijer R.D., Hα spectropolarimetry of the Herbig Ae star AB Aurigae, **319,** L19
Pooley G.G. *see* Fender R.P.
Pooley G.G. *see* Ogley R.N.
Popowski P. *see* Alcock C.
Porciani C. *see* Catelan P.
Potter S. *see* Ramsay G.
Potter S.B. *see* Buckley D.A.H.
Potter S.B., Cropper M., Hakala P.J., Stokes imaging of the accretion region in magnetic cataclysmic variables – II. V347 Pav, **315,** 423
Potter S.B., Stokes imaging of the AM Her system ST LMi, **314,** 672
Pounds K.A. *see* Reeves J.N.
Power C. *see* Lobel A.
Poyner G. *see* Kato T.
Pozzetti L. *see* Cimatti A.
Pozzetti L. *see* Madau P.
Pozzetti L. *see* Marri S.
Pozzetti L., Mannucci F., Extremely red galaxies: age and dust degeneracy solved?, **317,** L17
Pozzo M., Jeffries R.D., Naylor T., Totten E.J., Harmer S., Kenyon M., The discovery of a low-mass, pre-main-sequence stellar association around γ Velorum, **313,** L23
Pradhan A.K. *see* Keenan F.P.
Pradhan A.K. *see* Zhang H.L.
Prantzos N. *see* Boissier S.
Prantzos N., Boissier S., Chemo-spectrophotometric evolution of spiral galaxies – III. Abundance and colour gradients in discs, **313,** 338
Prantzos N., Boissier S., Metallicity in damped Lyman-α systems: evolution or bias?, **315,** 82
Pratt M.R. *see* Alcock C.
Prialnik D. *see* Brosch N.
Price R.J., Crawford I.A., Barlow M.J., Detection of a variable interstellar absorption component towards δ Orionis A, **312,** L43
Prieto M.A., Extended X-ray emission in the radio-loud galaxy 3C 382, **316,** 442
Prieur J.-L. *see* Wilkinson A.
Pringle J.E. *see* Bate M.R.
Pringle J.E. *see* Torkelsson U.
Prinja R.K., Knigge C., Ringwald F.A., Wade R.A., Episodic absorption in the outflow of the old nova V603 Aquilae, **318,** 368
Prinja R.K., Ringwald F.A., Wade R.A., Knigge C., *HST* ultraviolet observations of rapid variability in the accretion-disc wind of BZ Cam, **312,** 316
Proctor M.R.E. *see* Wissink J.G.
Proctor R.N., Sansom A.E., Reid I.N., Constraining the star formation histories of spiral bulges, **311,** 37
Provencal J.L. *see* Vuille F.
Prunet S., Sethi S.K., Bouchet F.R., Cosmic microwave background polarization data and galactic foregrounds: estimation of cosmological parameters, **314,** 348
Puchnarewicz E.M. *see* Mason K.O.
Pudritz R.E. *see* Fiege J.D.
Puget J.-L. *see* Efstathiou A.
Puget J.-L. *see* Oliver S.
Puget J.-L. *see* Serjeant S.
Purton J.A. *see* May P.W.
Pushkarev A.B. *see* Gabuzda D.C.
Pye J.P. *see* Briggs K.R.

Quartel J.C. *see* Michaille L.
Quataert E. *see* Di Matteo T.
Quinn P.J. *see* Alcock C.

Rachford B.L., Chromospheric activity in the late A- and early F-type stars of open clusters – II. Pleiades and Alpha Persei, **315,** 24
Rachkovskaya T.M. *see* Lyubimkov L.S.
Rafikov R.R. *see* Beskin V.S.
Rafikov R.R., Kulsrud R.M., Magnetic flux expulsion in powerful superbubble explosions and the α–Ω dynamo, **314,** 839
Raga A., López-Martín L., Binette L., López J.A., Cantó J., Arthur S.J., Mellema G., Steffen W., Ferruit P., The emergence of a neutral Herbig–Haro jet into a photoionized nebula, **314,** 681
Raga A.C. *see* Cantó J.
Raimann D., Bica E., Storchi-Bergmann T., Melnick J., Schmitt H., Population synthesis of H II galaxies, **314,** 295
Raimann D., Storchi-Bergmann T., Bica E., Melnick J., Schmitt H., Gas properties of H II and starburst galaxies: relation with the stellar population, **316,** 559
Raine D.J. *see* Rudge C.M.
Raj N.E. *see* Handler G.
Ramsay G., Cropper M., Wu K., Mason K.O., Hakala P., Detection of the optical counterpart of the proposed double degenerate polar RX J1914 + 24, **311,** 75
Ramsay G., Determining the mass of the accreting white dwarf in magnetic cataclysmic variables using *RXTE* data, **314,** 403
Ramsay G., Potter S., Cropper M., Buckley D.A.H., Harrop-Allin M.K., Simultaneous optical polarimetry and X-ray data of the near-synchronous polar RX J2115–5840, **316,** 225
Randich S. *see* James D.J.
Rao N.K., Lambert D.L., High-resolution spectroscopy of V854 Cen in decline – absorption and emission lines of C_2 molecules, **313,** L33
Ratcliffe A. *see* Doroshkevich A.G.
Rathborne J.M. *see* Brooks K.J.
Ratnam C. *see* Salucci P.

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Rauch M. *see* Schaye J.
Rauscher B.J. *see* Bell E.F.
Rauw G. *see* Marchenko S.V.
Rauw G. *see* Pittard J.M.
Rauw G., Stevens I.R., Pittard J.M., Corcoran M.F., *ASCA* spectroscopy of the hard X-ray emission from the colliding wind interaction in γ^2 Velorum, **316,** 129
Rauzy S., Hendry M.A., A ROBUST method for fitting peculiar velocity field models, **316,** 621
Rawlings J.M.C., Taylor S.D., Williams D.A., A source of extended HCO^+ emission in young stellar objects, **313,** 461
Rawlings S. *see* Jarvis M.J.
Rawlings S. *see* Simpson C.
Rawlings S. *see* Willott C.J.
Rayner D.P., Norris R.P., Sault R.J., Radio circular polarization of active galaxies, **319,** 484
Readhead A.C.S. *see* Phillips P.M.
Reavell F.C. *see* Michaille L.
Rebecchi S. *see* Malizia A.
Rebolo R. *see* Harrison D.L.
Redman M.P. *see* Meaburn J.
Redman M.P., O'Connor J.A., Holloway A.J., Bryce M., Meaburn J., A 500 km s^{-1} outflow from the young bipolar planetary nebula Mz 3, **312,** L23
Rees M.J. *see* Ghisellini G.
Reeves J.N., O'Brien P.T., Vaughan S., Law-Green D., Ward M., Simpson C., Pounds K.A., Edelson R., PDS 456: an extreme accretion rate quasar?, **312,** L17
Reeves J.N., Turner M.J.L., X-ray spectra of a large sample of quasars with *ASCA*, **316,** 234
Refregier A. *see* Gray M.E.
Refregier A. *see* Heavens A.
Refregier A.R. *see* Bacon D.J.
Reid I.N. *see* Cooke J.A.
Reid I.N. *see* Gizis J.E.
Reid I.N. *see* Proctor R.N.
Reid I.N., Mahoney S., Low-mass spectroscopic binaries in the Hyades: a candidate brown dwarf companion, **316,** 827
Reid M.J. *see* Zheng X.W.
Reid R.H.G. *see* Keenan F.P.
Reig P. *see* Coe M.J.
Reig P., Negueruela I., Coe M.J., Fabregat J., Tarasov A.E., Zamanov R.K., Correlated *V/R* and infrared photometric variations in the Be/X-ray binary LS I + 61° 235/RX J0146.9 + 6121, **317,** 205
Reipurth B. *see* Aspin C.
Rendtel J. *see* Singer W.
Retter A. *see* Arenas J.
Retter A. *see* Norton A.J.
Retter A., Naylor T., Thermal stability and nova cycles in permanent superhump systems, **319,** 510
Revnivtsev M. *see* Gilfanov M.
Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N., Erratum: *RXTE* observations of Galactic microquasar XTE J1748–288 during its 1998 outburst, **315,** 655
Revnivtsev M.G., Trudolyubov S.P., Borozdin K.N., *RXTE* observations of Galactic microquasar XTE J1748–288 during its 1998 outburst, **312,** 151
Reyes-Ruiz M., An unconventional accretion disc dynamo, **319,** 1039
Reynolds C.S. *see* Lee J.C.
Reynolds C.S. *see* Morales R.
Rezania V., Jahan-Miri M., The possible role of r-modes in post-glitch relaxation of the Crab pulsar, **315,** 263
Riazuelo A. *see* Asseo E.
Ribas I., Jordi C., Giménez Á., The mass dependence of the overshooting parameter determined from eclipsing binary data, **318,** L55
Ribas I., Jordi C., Torra J., Giménez Á., Chemical composition of eclipsing binaries: a new approach to the helium-to-metal enrichment ratio, **313,** 99
Ricci D. *see* Malizia A.
Ricci R. *see* Malizia A.
Richards A.M.S. *see* Watson S.K.
Richards A.M.S. *see* Yates J.A.
Richer J.S. *see* Brown D.W.
Rigopoulou D. *see* Efstathiou A.
Rigopoulou D. *see* Oliver S.
Riley J.M. *see* Minns A.R.
Rinehart S.A., Single Be stars as binary ejecta?, **312,** 429
Ringwald F.A. *see* Prinja R.K.
Ripepi V. *see* Caputo F.
Ritter H. *see* Kolb U.
Roberts T.P. *see* Hopwood M.E.L.
Roberts T.P., Warwick R.S., A *ROSAT* High Resolution Imager survey of bright nearby galaxies, **315,** 98
Robertson J.G. *see* Jacob A.P.
Robinson A. *see* Corbett E.A.
Robinson A. *see* Robinson T.G.
Robinson A. *see* Tadhunter C.N.
Robinson E.L. *see* Bleach J.N.
Robinson J., Baker J.E., Evolution of the cluster abundance in non-Gaussian models, **311,** 781
Robinson J.R. *see* Fordham J.L.A.
Robinson T.G. *see* Wills K.A.
Robinson T.G., Tadhunter C.N., Axon D.J., Robinson A., Testing the photoionization models of powerful radio galaxies: mixed line-emitting media in 3C 321, **317,** 922
Robson E.I. *see* Leeuw L.L.
Rocca-Volmerange B. *see* Efstathiou A.
Rocca-Volmerange B. *see* Oliver S.
Rocca-Volmerange B. *see* Serjeant S.
Roche N., Eales S.A., Optical/ultraviolet morphology and alignment of low-redshift radio galaxies, **317,** 120
Roche N., Lowenthal J., Woodgate B., Lyα imaging of a very luminous $z = 2.3$ starburst galaxy with WFPC2, **317,** 937
Roche P. *see* Israel G.L.
Roche P.F. *see* Casassus S.
Roche P.F. *see* Lucas P.W.
Roche P.F. *see* Smith C.H.
Rodonò M. *see* Lanza A.F.
Rogers J. *see* Young J.S.
Rolfe D.J., Haswell C.A., Patterson J., Superhumps in V348 Pup, **317,** 759
Romero-Colmenero E. *see* Mason K.O.
Rosati P. *see* Moscardini L.
Rosenzweig P. *see* Arellano Ferro A.
Rosner R. *see* Lanza A.F.
Ross R.R. *see* Merloni A.
Ross R.R. *see* Ruszkowski M.
Rostopchin S.I. *see* Lyubimkov L.S.
Roth M. *see* Bohigas J.
Röttgering H.J.A. *see* Best P.N.
Röttgering H.J.A. *see* Kaiser C.R.
Röttgering H.J.A. *see* Schoenmakers A.P.
Röttgering H.J.A. *see* Snellen I.A.G.
Roueff E. *see* Flower D.R.
Roueff E. *see* Kopp M.
Roukema B.F., *COBE* and global topology: an example of the application of the identified circles principle, **312,** 712
Rovithis P. *see* Skopal A.
Rovithis-Livaniou H. *see* Skopal A.
Rowan-Robinson M. *see* Efstathiou A.
Rowan-Robinson M. *see* Monaco P.
Rowan-Robinson M. *see* Oliver S.
Rowan-Robinson M. *see* Peacock J.A.
Rowan-Robinson M. *see* Plionis M.
Rowan-Robinson M. *see* Saunders W.
Rowan-Robinson M. *see* Serjeant S.
Rowan-Robinson M., Hyperluminous infrared galaxies, **316,** 885
Rowan-Robinson M., Sharpe J., Oliver S.J., Keeble O., Canavezes A., Saunders W., Taylor A.N., Valentine H., Frenk C.S., Efstathiou

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G.P., McMahon R.G., White S.D.M., Sutherland W., Tadros H., Maddox S., The *IRAS* PSCz dipole, **314,** 375
Roxburgh I. *see* Marchenkov K.
Roxburgh I.W., Vorontsov S.V., Semiclassical approximation for low-degree stellar p modes – I. The classical eigenfrequency equation, **317,** 141
Roxburgh I.W., Vorontsov S.V., Semiclassical approximation for low-degree stellar p modes – II. Classical ray tracing, **317,** 151
Różańska A., Czerny B., Two-phase radiative/conductive equilibrium in active galactic nuclei and galactic black holes, **316,** 473
Rozas M. *see* Fassia A.
Rozas M. *see* Hernandez M.
Różyczka M. *see* Kudlicki A.
Rubiño-Martin J.A. *see* Harrison D.L.
Rucinski S.M., Lu W., W Crv: the shortest-period Algol with non-degenerate components?, **315,** 587
Rucklidge A.M. *see* Hurlburt N.E.
Rudak B. *see* Bulik T.
Rudak B. *see* Dyks J.
Rudge C.M., Raine D.J., The luminosity dependence of opening angle in unified models of active galaxies, **311,** 621
Rüdiger G. *see* Drecker A.
Rüdiger G. *see* Shalybkov D.
Ruffle D.P., Herbst E., New models of interstellar gas–grain chemistry – I. Surface diffusion rates, **319,** 837
Ruiz M., Alexander D.M., Young S., Hough J., Lumsden S.L., Heisler C.A., A near-infrared polarized bipolar cone in the Circinus galaxy, **316,** 49
Ruiz M.T. *see* Bohigas J.
Rusin D. *see* Phillips P.M.
Russell K.S. *see* Stathakis R.A.
Ruszkowski M., Fabian A.C., On the influence of resonant absorption on the iron emission-line profiles from accreting black holes, **315,** 223
Ruszkowski M., Fabian A.C., Ross R.R., Iwasawa K., The evidence against Comptonization as a mechanism to explain the Fe Kα line profile in MCG–6-30-15, **317,** L11
Ruszkowski M., X-ray iron line variability for the model of an orbiting flare above a black hole accretion disc, **315,** 1
Rutledge R. *see* Fox D.W.
Ryabchikova T. *see* Cowley C.R.
Ryan S.G., The host stars of extrasolar planets have normal lithium abundances, **316,** L35
Ryans R.S.I. *see* Keenan F.P.
Ryans R.S.I. *see* Lehner N.
Ryder S.D. *see* Crawford I.A.

Sadler E.M. *see* Calcáneo-Roldán C.
Sadler E.M. *see* Stathakis R.A.
Sagar R. *see* Gopal-Krishna
Saikia D.J. *see* Ishwara-Chandra C.H.
Saikia D.J. *see* Jeyakumar S.
St.-Jacques D. *see* Young J.S.
Saio H. *see* Umezu M.
Saio H., Jeffery C.S., The evolution of a rapidly accreting helium white dwarf to become a low-luminosity helium star, **313,** 671
Sakelliou I. *see* Drake N.
Sakelliou I., Are 'Bondi–Hoyle wakes' detectable in clusters of galaxies?, **318,** 1164
Sakelliou I., Merrifield M.R., The origin of wide-angle tailed radio galaxies, **311,** 649
Salerno E. *see* Baccigalupi C.
Salo H., Laurikainen E., *N*-body model for M51 – I. Multiple encounter versus single passage?, **319,** 377
Salo H., Laurikainen E., *N*-body model for M51 – II. Inner structure, **319,** 393
Salucci P. *see* Corbelli E.
Salucci P. *see* Monaco P.
Salucci P., Ratnam C., Monaco P., Danese L., The masses of black holes in the nuclei of spirals, **317,** 488
Salucci P., Szuszkiewicz E., Monaco P., Danese L., Erratum: Mass function of dormant black holes and the evolution of active galactic nuclei, **311,** 448
Salzer J.J. *see* Heller A.B.
Sánchez Portal M. *see* Díaz A.I.
Sánchez-Portal M., Díaz Á.I., Terlevich R., Terlevich E., Álvarez Álvarez M., Aretxaga I., Broad-band and Hα surface photometry of the central regions of nearby active galaxies – I. Observations, **312,** 2
Sandell G. *see* McCutcheon W.H.
Sanders J.S. *see* Fabian A.C.
Sanders J.S., Fabian A.C., Allen S.W., X-ray colour maps of the cores of galaxy clusters, **318,** 733
Sanders R.H., The fundamental plane of elliptical galaxies with modified Newtonian dynamics, **313,** 767
Sandquist E.L., A catalogue of helium abundance indicators from globular cluster photometry, **313,** 571
Sansom A.E. *see* Leeuw L.L.
Sansom A.E. *see* Proctor R.N.
Santiago B.X. *see* Lahav O.
Santolaya-Rey E. *see* Israelian G.
Sanz J.L. *see* Cayón L.
Sarazin M. *see* Le Louarn M.
Sargent W.L.W. *see* Schaye J.
Sarna M.J., Ergma E., Gerškevitš-Antipova J., Cooling curves and initial models for low-mass white dwarfs (< 0.25 $M_\odot$) with helium cores, **316,** 84
Sarre P.J. *see* Lloyd Evans T.
Sarre P.J., Hurst M.E., Lloyd Evans T., SiC_2 in carbon stars: Merrill–Sanford absorption bands between 4100 and 5500 Å, **319,** 103
Sarre P.J., The diffuse interstellar bands: a dipole–bound state hypothesis, **313,** L14
Sato T. *see* McCutcheon W.H.
Sault R.J. *see* Rayner D.P.
Saunders W. *see* Monaco P.
Saunders W. *see* Plionis M.
Saunders W. *see* Rowan-Robinson M.
Saunders W. *see* Szapudi I.
Saunders W. *see* Valentine H.
Saunders W., Sutherland W.J., Maddox S.J., Keeble O., Oliver S.J., Rowan-Robinson M., McMahon R.G., Efstathiou G.P., Tadros H., White S.D.M., Frenk C.S., Carramiñana A., Hawkins M.R.S., The PSCz catalogue, **317,** 55
Sauty C. *see* Hanasz M.
Sauty C. *see* Vlahakis N.
Sawicki I.L. *see* Dabrowski Y.
Scappini F., Cecchi-Pestellini C., Codella C., Dalgarno A., Detection of HCO^+ towards Cygnus OB2 No. 12, **317,** L6
Scaramella R. *see* Bardelli S.
Scarrott S.M. *see* Wolstencroft R.D.
Schade D. *see* Le Fèvre O.
Schade D.J. *see* Londish D.
Schade D.J., Boyle B.J., Letawsky M., *Hubble Space Telescope* observations of X-ray-selected active galactic nuclei, **315,** 498
Schaeffer R. *see* Valageas P.
Scharf C. *see* Fairley B.W.
Schaye J. *see* Theuns T.
Schaye J., Theuns T., Rauch M., Efstathiou G., Sargent W.L.W., The thermal history of the intergalactic medium, **318,** 817
Schilizzi R.T. *see* Snellen I.A.G.
Schindler S. *see* Collins C.A.
Schlegel D.J. *see* Smith R.J.
Schmalzing J., Diaferio A., Topology and geometry of the CfA2 redshift survey, **312,** 638
Schmitt H. *see* Raimann D.
Schmitt J.H.M.M. *see* Tsikoudi V.
Schneider P. *see* Kruse G.
Schneider R., Ferrara A., Ciardi B., Ferrari V., Matarrese S., Gravitational wave signals from the collapse of the first stars, **317,** 385

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Schoenmakers A.P. *see* Kaiser C.R.
Schoenmakers A.P., de Bruyn A.G., Röttgering H.J.A., van der Laan H., Kaiser C.R., Radio galaxies with a 'double-double' morphology – I. Analysis of the radio properties and evidence for interrupted activity in active galactic nuclei, **315,** 371
Schoenmakers A.P., de Bruyn A.G., Röttgering H.J.A., van der Laan H., Radio galaxies with a 'double-double' morphology – III. The case of B 1834 + 620, **315,** 395
Scholz M. *see* Jacob A.P.
Schuecker P. *see* Collins C.A.
Schulz S.A., King J.E., Glinski R.J., Rotational contours of CH_2X chain species compared with several diffuse interstellar bands, **312,** 769
Schutte A.J. *see* Goedhart S.
Schwope A.D. *see* Mason K.O.
Schwope A.D., Catalán M.S., Beuermann K., Metzner A., Smith R.C., Steeghs D., Multi-epoch Doppler tomography and polarimetry of QQ Vul, **313,** 533
Sciama D.W., On the interaction between cosmic rays and dark matter molecular clouds in the Milky Way – I. Basic considerations, **312,** 33
Sciama D.W., On the interaction between cosmic rays and dark matter molecular clouds in the Milky Way – II. The age distribution of cosmic ray electrons, **319,** 1001
Scott A.D., Nova outbursts on rotating oblate white dwarfs, **313,** 775
Scott D. *see* Bunn E.F.
Scott D. *see* Chapman S.C.
Scoville N.Z. *see* Blain A.W.
Seetha S. *see* Vuille F.
Sekiguchi K. *see* Hasegawa T.
Sekiguchi K. *see* Nishida S.
Sekii T. *see* Appourchaux T.
Seljak U., Analytic model for galaxy and dark matter clustering, **318,** 203
Serjeant S. *see* Efstathiou A.
Serjeant S. *see* Oliver S.
Serjeant S. *see* Peacock J.A.
Serjeant S. *see* Wold M.
Serjeant S., Mobasher B., Gruppioni C., Oliver S., *Hubble Space Telescope* imaging survey of sub-mJy star-forming galaxies – I. Morphologies at $z \sim 0.2$, **317,** L29
Serjeant S., Oliver S., Rowan-Robinson M., Crockett H., Missoulis V., Sumner T., Gruppioni C., Mann R.G., Eaton N., Elbaz D., Clements D.L., Baker A., Efstathiou A., Cesarsky C., Danese L., Franceschini A., Genzel R., Lawrence A., Lemke D., McMahon R.G., Miley G., Puget J.-L., Rocca-Volmerange B., The European Large Area *ISO* Survey – II. Mid-infrared extragalactic source counts, **316,** 768
Serra-Ricart M. *see* Fassia A.
Sethi S.K. *see* Prunet S.
Shahbaz T. *see* Webb N.A.
Shahbaz T. *see* Zurita C.
Shahbaz T., Groot P., Phillips S.N., Casares J., Charles P.A., van Paradijs J., Irradiation of the secondary star in X-ray Nova Scorpii 1994 (= GRO J1655–40), **314,** 747
Shalybkov D., Rüdiger G., Magnetic field dragging and the vertical structure of thin accretion discs, **315,** 762
Shanks T. *see* Almaini O.
Shanks T. *see* Blair A.J.
Shanks T. *see* Boyle B.J.
Shanks T. *see* Doroshkevich A.G.
Shanks T. *see* McCracken H.J.
Sharpe J. *see* Rowan-Robinson M.
Sharples R.M. *see* Beasley M.A.
Shaver P. *see* Collins C.A.
Shaviv N.J. *see* Heyl J.S.
Shchekinov Y. *see* Ferrara A.
Shellard E.P.S. *see* Avelino P.P.
Shemar S.L. *see* Lyne A.G.
Shemmer O., Leibowitz E.M., Szkody P., Periodic microvariation of B416, a new luminous blue variable in M33, **311,** 698
Sheppard D.C. *see* Lyne A.G.
Shibata S. *see* Luo Q.
Shimura T., Atmospheric emission from hydrogen-shell-burning white dwarfs as supersoft X-ray sources, **315,** 345
Shobbrook R.R. *see* Handler G.
Shorlin S.L.S. *see* Wade G.A.
Shugarov S. *see* Zurita C.
Shukurov A. *see* Frick P.
Shustov B.M., Wiebe D.S., First supernovae in Galactic globular clusters, **319,** 1047
Sideris I.V. *see* Kandrup H.E.
Siebenmorgen R. *see* Efstathiou A.
Sigut T.A.A. *see* Millar C.E.
Silk J. *see* Cayón L.
Silk J. *see* Ferreras I.
Silk J. *see* Subrahmanyan R.
Silva A.I. *see* Lima J.A.S.
Silva L. *see* Oliver S.
Silveira C. *see* Baptista R.
Simmons J.F.L., Audit E., The optical polarization of spiral galaxies, **319,** 497
Simnett G.M. *see* Lewis D.J.
Simonneau E. *see* López-Corredoira M.
Simpson C. *see* Reeves J.N.
Simpson C., Rawlings S., Infrared photometry of $z \sim 1$ 3C quasars, **317,** 1023
Simpson C., Ward M., Wall J.V., 1–5 μm imaging of 3CRR galaxies: the K–z relation and the geometry of the torus, **319,** 963
Sinclair M. *see* Subrahmanyan R.
Singer W., Molau S., Rendtel J., Asher D.J., Mitchell N.J., von Zahn U., The 1999 Leonid meteor storm: verification of rapid activity variations by observations at three sites, **318,** L25
Singh K.P. *see* Dewangan G.C.
Singh K.P. *see* Padmakar
Singh K.P., Jones L.R., An ultrasoft X-ray source (RX 215319–1514) and discovery of a narrow-line Seyfert 1 galaxy, **312,** 380
Sion E.M. *see* Barstow M.A.
Siopis C., Kandrup H.E., Phase-space transport in cuspy triaxial potentials: can they be used to construct self-consistent equilibria?, **319,** 43
Skidmore W. *see* Bleach J.N.
Skidmore W. *see* Mason E.
Skidmore W., Mason E., Howell S.B., Ciardi D.R., Littlefair S., Dhillon V.S., Investigating the structure of the accretion disc in WZ Sge from multiwaveband time-resolved spectroscopic observations – I, **318,** 429
Skopal A., Djurašević G., Jones A., Drechsel H., Rovithis-Livaniou H., Rovithis P., A photometric study of the eclipsing symbiotic binary AR Pavonis, **311,** 225
Slysh V.I. *see* Val'tts I.E.
Smail I. *see* Fabian A.C.
Smail I. *see* Ivison R.J.
Smail I. *see* Sullivan M.
Smale A.P. *see* Kong A.K.H.
Smalley B. *see* Tyne V.H.
Smartt S. *see* Fassia A.
Smartt S.J. *see* Hernandez M.
Smith C.H., Wright C.M., Aitken D.K., Roche P.F., Hough J.H., Studies in mid-infrared spectropolarimetry – II. An atlas of spectra, **312,** 327
Smith F.G. *see* Lyne A.G.
Smith K.W., Bonnell I.A., Emerson J.P., Jenness T., NGC 1333/IRAS 4: a multiple star formation laboratory, **319,** 991
Smith M. *see* Malizia A.
Smith M.D. *see* Chrysostomou A.
Smith M.D. *see* Davis C.J.
Smith R.C. *see* North R.C.
Smith R.C. *see* Schwope A.D.
Smith R.E. *see* Peacock J.A.
Smith R.J. *see* Boyle B.J.
Smith R.J., Boyle B.J., Maddox S.J., The environments of intermediate-redshift QSOs: $0.3 < z < 0.7$, **313,** 252

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Smith R.J., Lucey J.R., Hudson M.J., Schlegel D.J., Davies R.L., Streaming motions of galaxy clusters within 12 000 km s^{-1} – I. New spectroscopic data, **313,** 469
Smith T. *see* Handler G.
Snellen I.A.G., Schilizzi R.T., Miley G.K., de Bruyn A.G., Bremer M.N., Röttgering H.J.A., On the evolution of young radio-loud AGN, **319,** 445
Snellen I.A.G., Schilizzi R.T., van Langevelde H.J., Multifrequency VLBI observations of faint gigahertz peaked spectrum sources, **319,** 429
Soda J. *see* Taruya A.
Sodré L., Jr *see* Lahav O.
Soker N., Asymmetry and inhomogeneity in proto- and young planetary nebulae, **318,** 1017
Soker N., Dust formation and inhomogeneous mass-loss from asymptotic giant branch stars, **312,** 217
Soker N., Harpaz A., Rotation, planets, and the 'second parameter' of the horizontal branch, **317,** 861
Sokoloff D. *see* Belvedere G.
Sokoloff D. *see* Frick P.
Sol H. *see* Hanasz M.
Solanki S.K. *see* Moreno-Insertis F.
Solheim J.E. *see* Vuille F.
Somers M. *see* Beekman G.
Somerville R.S., Lemson G., Kolatt T.S., Dekel A., Evaluating approximations for halo merging histories, **316,** 479
Sorensen P. *see* Hernandez M.
Sozzetti A. *see* Lattanzi M.G.
Spagna A. *see* Lattanzi M.G.
Sparke L.S. *see* Maciejewski W.
Sparks W. *see* Tadhunter C.N.
Sparks W.B. *see* Wilkinson A.
Spivey R.J., Quasars: a supermassive rotating toroidal black hole interpretation, **316,** 856
Splaver E.M. *see* Stairs I.H.
Springel V., Modelling star formation and feedback in simulations of interacting galaxies, **312,** 859
Spruit H.C. *see* Timokhin A.N.
Spruit H.C., Haardt F., The X-ray spectrum of a disc illuminated by ions, **315,** 751
Spurzem R. *see* Giersz M.
St-Jacques D. *see* Young J.S.
St-Louis N. *see* Hill G.M.
Stairs I.H. *see* Lyne A.G.
Stairs I.H., Splaver E.M., Thorsett S.E., Nice D.J., Taylor J.H., A baseband recorder for radio pulsar observations, **314,** 459
Stalin C.S. *see* Gopal-Krishna
Stanimirovic S., Staveley-Smith L., van der Hulst J.M., Bontekoe Tj.R., Kester D.J.M., Jones P.A., Cool dust and gas in the Small Magellanic Cloud, **315,** 791
Stappers B.W. *see* Gaensler B.M.
Stappers B.W. *see* Wang N.
Stark M.J. *see* Baykal A.
Stathakis R.A. *see* Crawford I.A.
Stathakis R.A., Boyle B.J., Jones D.H., Bessell M.S., Galama T.J., Germany L.M., Hartley M., James D.M., Kouveliotou C., Lewis I.J., Parker Q.A., Russell K.S., Sadler E.M., Tinney C.G., van Paradijs J., Vreeswijk P.M., Spectral evolution of the peculiar Ic Supernova 1998bw, **314,** 807
Staveley-Smith L. *see* Stanimirovic S.
Steeghs D. *see* Baptista R.
Steeghs D. *see* Schwope A.D.
Steele I.A., Howells L., *IZ* photometry of L dwarfs and the implications for brown dwarf surveys, **313,** L43
Stefanik R.P. *see* Jha S.
Steffen W. *see* Raga A.
Stehle R. *see* North R.C.
Steidel C.C. *see* Chapman S.C.
Stein R.F. *see* Torkelsson U.
Steiner J.E. *see* Baptista R.
Stella L. *see* Israel G.L.
Stergioulas N. *see* Font J.A.
Sterken C. *see* Handler G.
Stevens I.R. *see* Forbes D.A.
Stevens I.R. *see* Marchenko S.V.
Stevens I.R. *see* Pittard J.M.
Stevens I.R. *see* Rauw G.
Stevens I.R. *see* Strickland D.K.
Stevens J.A. *see* Gear W.K.
Stevens J.A., Gear W.K., Submillimetre imaging of NGC 3079, **312,** L5
Stewart G.C. *see* Almaini O.
Stewart G.C. *see* Blair A.J.
Stewart G.C. *see* Pappa A.
Storchi-Bergmann T. *see* Raimann D.
Storchi-Bergmann T. *see* Winge C.
Storey J.W.V. *see* Brooks K.J.
Storey M.C. *see* Galloway D.K.
Storey P.J. *see* Liu X.-W.
Storey P.J., Zeippen C.J., Theoretical values for the [O III] 5007/4959 line-intensity ratio and homologous cases, **312,** 813
Stothers R.B., Turbulent eddy viscosity and large-scale convection in the Sun, **314,** L7
Strauss M.A. *see* Lahav O.
Strickland D.K., Stevens I.R., Starburst-driven galactic winds – I. Energetics and intrinsic X-ray emission, **314,** 511
Strohmayer T. *see* Baykal A.
Stubbings R. *see* Hellier C.
Stupp A., Electron–cyclotron maser observable modes, **311,** 251
Subrahmanyan R. *see* Majumdar S.
Subrahmanyan R., Kesteven M.J., Ekers R.D., Sinclair M., Silk J., An Australia Telescope survey for CMB anisotropies, **315,** 808
Sugai H., Davies R.I., Ishii M., Ward M.J., Fabry–Perot imaging of NGC 6090 in H_2 emission, **317,** 447
Sugerman B., Summers F.J., Kamionkowski M., Testing linear-theory predictions of galaxy formation, **311,** 762
Sugiyama N. *see* Inoue K.T.
Suh K.-W., Optical properties of the carbon dust grains in the envelopes around asymptotic giant branch stars, **315,** 740
Sulkanen M.E. *see* Nagai D.
Sullivan D.J. *see* Vuille F.
Sullivan M., Ellis R., Nugent P., Smail I., Madau P., A strategy for finding gravitationally lensed distant supernovae, **319,** 549
Sullivan M., Treyer M.A., Ellis R.S., Bridges T.J., Milliard B., Donas J., An ultraviolet-selected galaxy redshift survey – II. The physical nature of star formation in an enlarged sample, **312,** 442
Summers F.J. *see* Sugerman B.
Sumner T. *see* Efstathiou A.
Sumner T. *see* Oliver S.
Sumner T. *see* Serjeant S.
Surace C. *see* Efstathiou A.
Surace C. *see* Oliver S.
Susa H. *see* Kitayama T.
Susa H., Kitayama T., Collapse of low-mass clouds in the presence of a UV radiation field, **317,** 175
Susa H., Umemura M., Ultraviolet-background-induced bifurcation of galactic morphology, **316,** L17
Sutherland W. *see* Alcock C.
Sutherland W. *see* Rowan-Robinson M.
Sutherland W.J. *see* Monaco P.
Sutherland W.J. *see* Saunders W.
Sutton E.C. *see* McCutcheon W.H.
Svanberg S. *see* Biémont E.
Swank J. *see* Baykal A.
Swaters R.A. *see* Hernandez M.
Sylvester R.J., Mannings V., Optical, infrared and millimetre-wave properties of Vega-like systems – IV. Observations of a new sample of candidate Vega-like sources, **313,** 73
Szabados L. *see* Kun M.
Szapudi I. *see* Colombi S.
Szapudi I. *see* Hoyle F.
Szapudi I., Branchini E., Frenk C.S., Maddox S., Saunders W., The

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luminosity dependence of clustering and higher order correlations in the PSCz survey, **318,** L45
Szapudi I., Colombi S., Jenkins A., Colberg J., Experimental cosmic statistics – II. Distribution, **313,** 725
Szkody P. *see* Shemmer O.
Szuszkiewicz E. *see* Salucci P.
Szymczak M., Kus A.J., Hrynek G., Observations of OH 4765-MHz maser emission from star-forming regions, **312,** 211

Tabachnik S.A. *see* Evans N.W.
Tabachnik S.A., Evans N.W., Asteroids in the inner Solar system – I. Existence, **319,** 63
Tadhunter C.N. *see* Robinson T.G.
Tadhunter C.N., Sparks W., Axon D.J., Bergeron L., Jackson N.J., Packham C., Hough J.H., Robinson A., Young S., Highly polarized structures in the near-nuclear regions of Cygnus A: intrinsic anisotropy within the cones?, **313,** L52
Tadhunter C.N., Villar-Martin M., Morganti R., Bland-Hawthorn J., Axon D., The large-scale distribution of warm ionized gas around nearby radio galaxies with jet–cloud interactions, **314,** 849
Tadros H. *see* Monaco P.
Tadros H. *see* Rowan-Robinson M.
Tadros H. *see* Saunders W.
Tagliaferri R. *see* Andreon S.
Tajiri Y. *see* Kitayama T.
Takahashi J., Williams D.A., Chemically driven desorption of CO from icy grains in dark clouds, **314,** 273
Takahashi K., Lee H.M., Evolution of multimass globular clusters in the Galactic tidal field with the effects of velocity anisotropy, **316,** 671
Takizawa M. *see* Ideta M.
Talbi D. *see* Herbst E.
Tamura M. *see* Chrysostomou A.
Tamura T. *see* Fukazawa Y.
Tanabé T. *see* Nishida S.
Tanaka Y. *see* Ikebe Y.
Tang Z.H., Wang S.H., Jin W.J., Determination of optical positions for 23 extragalactic radio sources, **319,** 717
Tango W.J. *see* Davis J.
Tansley D., Birkinshaw M., Hardcastle M.J., Worrall D.M., The infrared jet in 3C 66B, **317,** 623
Tapia M. *see* Bohigas J.
Tarasov A.E. *see* Lyubimkov L.S.
Tarasov A.E. *see* Reig P.
Taruya A., Soda J., The spherical infall model in a cosmological background density field, **317,** 873
Taylor A. *see* Valentine H.
Taylor A.N. *see* Rowan-Robinson M.
Taylor A.N., Watts P.I.R., Evolution of the cosmological density distribution function, **314,** 92
Taylor C.J. *see* Thorstensen J.R.
Taylor G.B. *see* Fabian A.C.
Taylor J.H. *see* Stairs I.H.
Taylor S.D. *see* Rawlings J.M.C.
Tegmark M. *see* Hamilton A.J.S.
Tej A., Chandrasekhar T., Angular diameter and effective temperature of a sample of 15 M giants at 2.2 μm from lunar occultation observations, **317,** 687
Tektunali H.G. *see* Adelman S.J.
Telles E., Maddox S., The local environment of H II galaxies, **311,** 307
Telting J. *see* Fassia A.
Telting J.H. *see* Hernandez M.
Terashima Y. *see* Ikebe Y.
Terlevich A.I. *see* Merrifield M.R.
Terlevich E. *see* Díaz A.I.
Terlevich E. *see* Jiménez-Benito L.
Terlevich E. *see* Melnick J.
Terlevich E. *see* Sánchez-Portal M.
Terlevich R. *see* Díaz A.I.
Terlevich R. *see* Fox D.W.
Terlevich R. *see* Jiménez-Benito L.
Terlevich R. *see* Melnick J.
Terlevich R. *see* Sánchez-Portal M.
Terzieva R. *see* Herbst E.
Terzieva R., Herbst E., The possibility of nitrogen isotopic fractionation in interstellar clouds, **317,** 563
Tesch F., Engels D., Detection of the first X-ray selected large AGN group, **313,** 377
Tesseri A. *see* Malizia A.
Thacker R.J., Tittley E.R., Pearce F.R., Couchman H.M.P., Thomas P.A., Smoothed Particle Hydrodynamics in cosmology: a comparative study of implementations, **319,** 619
Thakur P. *see* Chakraborty D.K.
Thean A., Pedlar A., Kukula M.J., Baum S.A., O'Dea C.P., High-resolution radio observations of Seyfert galaxies in the extended 12-μm sample – I. The observations, **314,** 573
Thelen J.-C., A mean electromotive force induced by magnetic buoyancy instabilities, **315,** 155
Thelen J.-C., Cattaneo F., Dynamo action driven by convection: the influence of magnetic boundary conditions, **315,** L13
Thelen J.-C., Non-linear $\alpha\omega$-dynamos driven by magnetic buoyancy, **315,** 165
Theuns T. *see* Schaye J.
Theuns T., Schaye J., Haehnelt M.G., Broadening of QSO Lyα forest absorbers, **315,** 600
Theuns T., Zaroubi S., A wavelet analysis of the spectra of quasi-stellar objects, **317,** 989
Thomas P.A. *see* Barber A.J.
Thomas P.A. *see* Colberg J.M.
Thomas P.A. *see* da Silva A.C.
Thomas P.A. *see* Hutchings R.M.
Thomas P.A. *see* Kay S.T.
Thomas P.A. *see* Onuora L.I.
Thomas P.A. *see* Pearce F.R.
Thomas P.A. *see* Thacker R.J.
Thomas R.J. *see* Keenan F.P.
Thompson M.J. *see* Monteiro M.J.P.F.G.
Thorne A.P. *see* Pickering J.C.
Thorsett S.E. *see* Stairs I.H.
Thorstensen J.R., Taylor C.J., Spectroscopy and orbital periods of the old novae V533 Herculis, V446 Herculis and X Serpentis, **312,** 629
Tilanus R.P.J. *see* Fender R.P.
Timokhin A.N., Bisnovatyi-Kogan G.S., Spruit H.C., The magnetosphere of an oscillating neutron star. Non-vacuum treatment, **316,** 734
Tinney C.G. *see* Stathakis R.A.
Tittley E.R. *see* Thacker R.J.
Tittley E.R., Couchman H.M.P., Hierarchical clustering and the baryon distribution in galaxy clusters, **315,** 834
Toffolatti L. *see* Baccigalupi C.
Toffolatti L. *see* Cayón L.
Tokovinin A. *see* Le Louarn M.
Tokovinin A., Pendular seismometer for correcting telescope vibrations, **316,** 637
Tolstoy E. *see* Ferrara A.
Tolstoy E., Irwin M., The optical velocity of the Antlia dwarf galaxy, **318,** 1241
Tomaney A.B. *see* Alcock C.
Tomita K. *see* Inoue K.T.
Tonazzini A. *see* Baccigalupi C.
Torkelsson U., Ogilvie G.I., Brandenburg A., Pringle J.E., Nordlund Å., Stein R.F., The response of a turbulent accretion disc to an imposed epicyclic shearing motion, **318,** 47
Tormen G. *see* Meneghetti M.
Torra J. *see* Ribas I.
Torrelles J.M. *see* Gómez J.F.
Torrelles J.M. *see* Miranda L.F.
Torres G. *see* Jha S.
Torres M.A.P. *see* Hammersley P.L.
Torroni V. *see* Malizia A.
Totten E.J. *see* Briggs K.R.
Totten E.J. *see* Jeffries R.D.

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Totten E.J. *see* Pozzo M.
Totten E.J., Irwin M.J., Whitelock P.A., The APM Survey for cool carbon stars in the Galactic halo – II. The search for dwarf carbon stars, **314,** 630
Tout C.A. *see* Bate M.R.
Tout C.A. *see* Denissenkov P.A.
Tout C.A. *see* Han Z.
Tout C.A. *see* Hurley J.R.
Tout C.A. *see* Karakas A.I.
Townsend R.H.D., Surface trapping and leakage of low-frequency g modes in rotating early-type stars – I. Qualitative analysis, **318,** 1
Townsend R.H.D., Surface trapping and leakage of low-frequency g modes in rotating early-type stars – II. Global analysis, **319,** 289
Träbert E. *see* Fritzsche S.
Trapero J. *see* Gómez J.F.
Tremaine S., Yu Q., Resonant capture, counter-rotating discs, and polar rings, **319,** 1
Tresse L. *see* Le Fèvre O.
Treyer M.A. *see* Sullivan M.
Trudolyubov S.P. *see* Revnivtsev M.G.
Truss M.R., Murray J.R., Wynn G.A., Edgar R.G., The outbursts of dwarf novae, **319,** 467
Trussoni E. *see* Capetti A.
Trussoni E. *see* Vlahakis N.
Tsikoudi V., Kellett B.J., *ROSAT* All-Sky Survey X-ray and EUV observations of YY Gem and AU Mic, **319,** 1147
Tsikoudi V., Kellett B.J., Schmitt J.H.M.M., Simultaneous *ROSAT* XRT and WFC observations of a sample of active dwarf stars, **319,** 1136
Tsinganos K. *see* Vlahakis N.
Tsuchiya T. *see* Ideta M.
Tucker D. *see* Müller V.
Turchaninov V. *see* Demiański M.
Turchaninov V.I. *see* Doroshkevich A.G.
Turner E.L. *see* Wyithe J.S.B.
Turner M.J.L. *see* Reeves J.N.
Tyne V.H., Eyres S.P.S., Geballe T.R., Evans A., Smalley B., Duerbeck H.W., Asplund M., The continuing saga of Sakurai's object (V4334 Sgr): dust production and helium line emission, **315,** 595
Tzach D. *see* Benford G.

Umemura M. *see* Kitayama T.
Umemura M. *see* Susa H.
Umezu M., Saio H., Lithium depletion in G and K dwarfs, **316,** 307
Uno S. *see* Fox D.W.
Urban S. *see* Makarov V.V.
Urpin V., Brandenburg A., Non-linear magnetic diffusivity in mean-field electrodynamics, **316,** 684
Ushomirsky G., Cutler C., Bildsten L., Deformations of accreting neutron star crusts and gravitational wave emission, **319,** 902
Uttley P. *see* Lamer G.
Uttley P., M^{c}Hardy I.M., Papadakis I.E., Cagnoni I., Fruscione A., Simultaneous EUV and X-ray variability of NGC 4051, **312,** 880

Vacca W.D. *see* Fassia A.
Vacca W.D. *see* Hernandez M.
Vaisanen P. *see* Oliver S.
Valageas P., Lacey C., Schaeffer R., Scaling laws in gravitational clustering for counts-in-cells and mass functions, **311,** 234
Valentine H. *see* Rowan-Robinson M.
Valentine H., Saunders W., Taylor A., Reconstructing the *IRAS* Point Source Catalog Redshift Survey with a generalized PIZA, **319,** L13
Valls-Gabaud D. *see* Hernandez X.
Val'tts I.E., Ellingsen S.P., Slysh V.I., Kalenskii S.V., Otrupcek R., Larionov G.M., Detection of new sources of methanol emission at 95 GHz with the Mopra telescope, **317,** 315
van der Heyden K. *see* Buckley D.A.H.
van der Hucht K.A. *see* Dessart L.
van der Hucht K.A. *see* Williams P.M.
van der Hulst J.M. *see* Stanimirovic S.
van der Klis M. *see* Berendsen S.G.H.
van der Klis M. *see* Dieters S.W.
van der Klis M. *see* Jonker P.G.
van der Klis M. *see* Méndez M.
van der Laan H. *see* Schoenmakers A.P.
van der Walt D.J. *see* Goedhart S.
van der Werf P.P. *see* Oliver S.
Van Dyk S. *see* Fox D.W.
van Hoof P.A.M., Measuring angular diameters of extended sources, **314,** 99
van Kerkwijk M.H. *see* Clemens J.C.
van Kerkwijk M.H., Clemens J.C., Wu Y., Surface motion in the pulsating DA white dwarf G29-38, **314,** 209
van Langevelde H.J. *see* Snellen I.A.G.
van Paradijs J. *see* Alcock C.
van Paradijs J. *see* Shahbaz T.
van Paradijs J. *see* Stathakis R.A.
Van Waerbeke L., Noise properties of gravitational lens mass reconstruction, **313,** 524
van Zee L. *see* Heller A.B.
Vandehei T. *see* Alcock C.
Vanderriest C. *see* Crawford C.S.
Vauclair G. *see* Vuille F.
Vaughan S. *see* Reeves J.N.
Vázquez R. *see* Guerrero M.A.
Venturi T., Bardelli S., Morganti R., Hunstead R.W., Radio properties of the Shapley Concentration – III. Merging clusters in the A3558 complex, **314,** 594
Verde L., Heavens A.F., Matarrese S., Projected bispectrum in spherical harmonics and its application to angular galaxy catalogues, **318,** 584
Verde L., Wang L., Heavens A.F., Kamionkowski M., Large-scale structure, the cosmic microwave background and primordial non-Gaussianity, **313,** 141
Verma A. *see* Oliver S.
Vermaak P., The effects of resolved sources and blending on the detection of planets via gravitational microlensing, **319,** 1011
Verrecchia F. *see* Israel G.L.
Vesperini E., Evolution of globular cluster systems in elliptical galaxies – I. Log-normal initial mass function, **318,** 841
Viallefond F. *see* Melchior A.-L.
Viana P.T.P. *see* Avelino P.P.
Viegas S.M. *see* Lima J.A.S.
Vielva P. *see* Cayón L.
Vignali C., Mignoli M., Comastri A., Maiolino R., Fiore F., Optical, near-infrared and hard X-ray observations of SAX J1353.9 + 1820: a red quasar, **314,** L11
Vigroux L. *see* Oliver S.
Vila B. *see* Mason K.O.
Villani D. *see* Cimatti A.
Villar-Martin M. *see* Oliver S.
Villar-Martin M. *see* Tadhunter C.N.
Vinkó J. *see* Kiss L.L.
Vinkó J. *see* Kun M.
Vivekanand M. *see* Joshi B.C.
Vladimirov S. *see* Machabeli G.Z.
Vlahakis N., Tsinganos K., Sauty C., Trussoni E., A disc-wind model with correct crossing of all magnetohydrodynamic critical surfaces, **318,** 417
Voges W. *see* Collins C.A.
Volkov E., Ortega V.G., Gravitational instability in a system of particles with mass spectrum, **313,** 112
von Zahn U. *see* Singer W.
Vorontsov S. *see* Marchenkov K.
Vorontsov S.V. *see* Baturin V.A.
Vorontsov S.V. *see* Roxburgh I.W.
Vrbik J., Perturbative solution of the motion of an asteroid in resonance with Jupiter, **316,** 459
Vreeswijk P.M. *see* Stathakis R.A.
Vreux J.-M. *see* Marchenko S.V.
Vuille F., Brassard P., Non-linear behaviour of the pulsating white

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dwarf G29-38 – III. Relative amplitudes of the cross-frequencies, **313,** 185
Vuille F., Non-linear behaviour of the pulsating white dwarf G29-38 – I. Evolution of the temporal spectrum, **313,** 170
Vuille F., Non-linear behaviour of the pulsating white dwarf G29-38 – II. Analysis of the phase spectrum, **313,** 179
Vuille F., O'Donoghue D., Buckley D.A.H., Massacand C.-M., Solheim J.E., Bard S., Vauclair G., Giovannini O., Kepler S.O., Kanaan A., Provencal J.L., Wood M.A., Clemens J.C., Kleinman S.J., O'Brien M.S., Nather R.E., Winget D.E., Nitta A., Klumpe E.W., Montgomery M.H., Watson T.K., Bradley P.A., Sullivan D.J., Wu K., Marar T.M.K., Seetha S., Ashoka B.N., Mahra H.S., Bhat B.C., Babu V.C., Leibowitz E.M., Hemar S., Ibbetson P., Mashals E., Meištas E., Moskalik P., Zoła S., Krzesiński J., Pajdosz G., Normal modes and discovery of high-order cross-frequencies in the DBV white dwarf GD 358, **314,** 689

Waddington I., Windhorst R.A., Dunlop J.S., Koo D.C., Peacock J.A., The LBDS Hercules sample of mJy radio sources at 1.4 GHz – I. Multicolour photometry, **317,** 801
Wade G.A., Donati J.-F., Landstreet J.D., Shorlin S.L.S., High-precision magnetic field measurements of Ap and Bp stars, **313,** 851
Wade G.A., Donati J.-F., Landstreet J.D., Shorlin S.L.S., Spectropolarimetric measurements of magnetic Ap and Bp stars in all four Stokes parameters, **313,** 823
Wade R.A. *see* Prinja R.K.
Wakamatsu K. *see* Hasegawa T.
Walker G.A.H. *see* Chapman S.C.
Walker H.J. *see* Dent W.R.F.
Wall J.V. *see* Magliocchetti M.
Wall J.V. *see* Simpson C.
Wallerstein G., Matt S., Gonzalez G., The carbon Cepheid RT Trianguli Australis: additional evidence of triple-α and CNO cycling, **311,** 414
Waltman E.B. *see* Ogley R.N.
Walton N.A. *see* Fassia A.
Walton N.A. *see* Hernandez M.
Wang L. *see* Verde L.
Wang N., Manchester R.N., Pace R.T., Bailes M., Kaspi V.M. Stappers B.W., Lyne A.G., Glitches in southern pulsars, **317,** 843
Wang S.H. *see* Tang Z.H.
Wang X.Y., Dai Z.G., Lu T., A possible explanation for the radio afterglow of GRB 980519: the dense medium effect, **317,** 170
Wang X.Y., Dai Z.G., Lu T., Intrinsic parameters of GRB 990123 from its prompt optical flash and afterglow, **319,** 1159
Ward M. *see* Reeves J.N.
Ward M. *see* Simpson C.
Ward M.J. *see* Forbes D.A.
Ward M.J. *see* Sugai H.
Ward M.J. *see* Winge C.
Ward-Thompson D. *see* Jessop N.E.
Wardziński G., Zdziarski A.A., Thermal synchrotron radiation and its Comptonization in compact X-ray sources, **314,** 183
Warner B. *see* Murray J.R.
Warner P.J. *see* Young J.S.
Warren S.J., Hewett P.C., Foltz C.B., The KX method for producing *K*-band flux-limited samples of quasars, **312,** 827
Warwick R.S. *see* Roberts T.P.
Wasserman I. *see* Murali C.
Watson L.C., Hearnshaw J.B., Pollard K.R., Kilmartin P.M., Gilmore A.C., The southern active-chromosphere star HD 6628, **315,** 69
Watson M.G. *see* Mason K.O.
Watson M.G. *see* Wheatley P.J.
Watson R.A. *see* Harrison D.L.
Watson S.K. *see* Eyres S.P.S.
Watson S.K., Eyres S.P.S., Davis R.J., Bode M.F., Richards A.M.S., Kenny H.T., Colliding winds in V1016 Cygni, **311,** 449
Watson T.K. *see* Vuille F.
Watts P.I.R. *see* Taylor A.N.
Webb J.K. *see* Liske J.
Webb J.K. *see* Murphy M.T.
Webb J.K. *see* Pickering J.C.
Webb N.A., Naylor T., Ioannou Z., Charles P.A., Shahbaz T., A TiO study of the black hole binary GRO J0422 + 32 in a very low state, **317,** 528
Webb T.M. *see* Gear W.K.
Webster A.M. *see* Lahav O.
Webster R.L. *see* Brown M.J.I.
Webster R.L. *see* Mortlock D.J.
Webster R.L. *see* Wyithe J.S.B.
Wegner G. *see* Fairley B.W.
Wegner W., Absolute magnitudes of OB and Be stars based on *Hipparcos* parallaxes, **319,** 771
Weiler K. *see* Fox D.W.
Welsh W.F. *see* Bleach J.N.
Werner K. *see* Barstow M.A.
Werner P.N., Worrall D.M., Birkinshaw M., A spectroscopic study of NGC 6251 and its companion galaxies, **317,** 105
Wheatley P.J., Burleigh M.R., Watson M.G., Observations of the extreme-ultraviolet transient RE J1255 + 266: a short outburst of a WZ Sge system?, **317,** 343
White D.A., Buote D.A., Deconvolution of *ASCA* X-ray data – I. Spectral-imaging method, **312,** 649
White D.A., Deconvolution of *ASCA* X-ray data – II. Radial temperature and metallicity profiles for 106 galaxy clusters, **312,** 663
White S.D.M. *see* Benson A.J.
White S.D.M. *see* Colberg J.M.
White S.D.M. *see* Kay S.T.
White S.D.M. *see* Monaco P.
White S.D.M. *see* Rowan-Robinson M.
White S.D.M. *see* Saunders W.
Whitelock P., Feast M., *Hipparcos* parallaxes for Mira-like long-period variables, **319,** 759
Whitelock P., Marang F., Feast M., Infrared colours for Mira-like long-period variables found in the *Hipparcos* Catalogue, **319,** 728
Whitelock P.A. *see* Feast M.W.
Whitelock P.A. *see* Totten E.J.
Whittle M. *see* Moss C.
Wichmann R. *see* Donati J.-F.
Wickramasinghe D.T. *see* Buckley D.A.H.
Wickramasinghe D.T. *see* Maxted P.F.L.
Wickramasinghe D.T. *see* Murray J.R.
Wiebe D.S. *see* Shustov B.M.
Wiita P.J. *see* Gopal-Krishna
Wilcots E.M. *see* Pisano D.J.
Wilkinson A., Prieur J.-L., Lemoine R., Carter D., Malin D., Sparks W.B., 0422–476: a shell galaxy with azimuthally distributed shells, **319,** 977
Wilkinson M.I. *see* Evans N.W.
Wilkinson P.N. *see* Phillips P.M.
Williams D.A. *see* Rawlings J.M.C.
Williams D.A. *see* Takahashi J.
Williams I.P. *see* Collander-Brown S.
Williams I.P. *see* Hughes D.W.
Williams I.P. *see* Maran M.D.
Williams P.M. *see* Dougherty S.M.
Williams P.M., van der Hucht K.A., Spectroscopy of WC9 Wolf–Rayet stars: a search for companions, **314,** 23
Williams R.J.R., Continuum-driven shocks in active galactic nuclei, **316,** 803
Williams R.J.R., Dyson J.E., Hartquist T.W., Magnetic ionization fronts – II. Jump conditions for oblique magnetization, **314,** 315
Williger G.M. *see* Liske J.
Willis A.J. *see* Dessart L.
Willott C.J. *see* Oliver S.
Willott C.J., Rawlings S., Blundell K.M., Lacy M., The quasar fraction in low-frequency-selected complete samples and implications for unified schemes, **316,** 449
Willott C.J., Rawlings S., Jarvis M.J., The hyperluminous infrared quasar 3C 318 and its implications for interpreting submm detections of high-redshift radio galaxies, **313,** 237

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Wills K.A., Das M., Pedlar A., Muxlow T.W.B., Robinson T.G., Modelling the bar in the centre of the starburst galaxy M82, **316,** 33
Wilman R.J. *see* Fabian A.C.
Wilman R.J., Edge A.C., Johnstone R.M., Crawford C.S., Fabian A.C., Molecular hydrogen emission in Cygnus A, **318,** 1232
Wilman R.J., Fabian A.C., Gandhi P., Hot dust in two hard *Chandra* X-ray sources, **318,** L11
Wilman R.J., Fabian A.C., Nulsen P.E.J., A physical model for the hard X-ray background, **319,** 583
Wilman R.J., Johnstone R.M., Crawford C.S., Extended line emission around seven radio-loud quasars at redshift $z \sim 2$, **317,** 9
Wilson A.S. *see* Winge C.
Wilson C.D. *see* Brown D.W.
Wilson D.M.A. *see* Young J.S.
Wilson R.W. *see* Michaille L.
Wilson R.W. *see* Young J.S.
Windhorst R.A. *see* Phillipps S.
Windhorst R.A. *see* Waddington I.
Windridge D., Phillipps S., A fluctuation analysis for optical cluster galaxies – I. Theory, **319,** 591
Winge C., Storchi-Bergmann T., Ward M.J., Wilson A.S., Extended gas in Seyfert galaxies: near-infrared observations of 15 active nuclei, **316,** 1
Winget D.E. *see* Vuille F.
Wisotzki L. *see* Brosch N.
Wissink J.G., Hughes D.W., Matthews P.C., Proctor M.R.E., The three-dimensional breakup of a magnetic layer, **318,** 501
Witt H.J., Mao S., On the magnification relations in quadruple lenses: a moment approach, **311,** 689
Woermann B., Gaylard M.J., Otrupcek R., Hydrogen recombination lines from the Gum nebula, **315,** 241
Woermann B., Gaylard M.J., Otrupcek R., Hydroxyl lines towards Puppis A, **317,** 421
Wold M., Lacy M., Lilje P.B., Serjeant S., Clustering of galaxies around radio quasars at $0.5 \leq z \leq 0.8$, **316,** 267
Wolstencroft R.D., Parker Q.A., Lonsdale C.J., Scarrott S.M., Three quasars from a survey of strong 25-μm emitters, **311,** 541
Wonnacott D. *see* Mason K.O.
Wood J.H. *see* Bleach J.N.
Wood J.H., Lockley J.J., UV spectroscopy of the peculiar binary V Sagittae in a low state, **313,** 789
Wood M.A. *see* Handler G.
Wood M.A. *see* Vuille F.
Wooder N.J. *see* Michaille L.
Woodgate B. *see* Roche N.
Worden P. *see* LeBlanc A.G.
Worrall D.M. *see* Hardcastle M.J.
Worrall D.M. *see* Tansley D.
Worrall D.M. *see* Werner P.N.
Wright C.M. *see* Smith C.H.
Wright L. *see* Eke V.
Wright M.M. *see* Yates J.A.
Wu J.H.P. *see* Avelino P.P.
Wu K. *see* Ramsay G.
Wu K. *see* Vuille F.
Wu K.K.S., Fabian A.C., Nulsen P.E.J., Non-gravitational heating in the hierarchical formation of X-ray clusters, **318,** 889
Wu X.-B. *see* Ding S.-X.
Wu X.-P. *see* Xue Y.-J.
Wu X.-P., A combined analysis of cluster mass estimates from strong lensing, X-ray measurement and the universal density profile, **316,** 299
Wu X.-P., Xue Y.-J., Constraints on the asymptotic baryon fractions of galaxy clusters at large radii, **311,** 825
Wu Y. *see* Clemens J.C.
Wu Y. *see* van Kerkwijk M.H.
Wyithe J.S.B., Turner E.L., Gravitational microlensing of gamma-ray bursts at medium optical depth, **319,** 1163
Wyithe J.S.B., Webster R.L., Turner E.L., A small source in Q2237 + 0305?, **318,** 762
Wyithe J.S.B., Webster R.L., Turner E.L., Agol E., Predicting caustic-crossing high-magnification events in Q2237 + 0305, **318,** 1105
Wyithe J.S.B., Webster R.L., Turner E.L., Interpretation of the OGLE Q2237 + 0305 microlensing light curve (1997–1999), **318,** 1120
Wyithe J.S.B., Webster R.L., Turner E.L., Limits on the microlens mass function of Q2237 + 0305, **315,** 51
Wyithe J.S.B., Webster R.L., Turner E.L., Mortlock D.J., A gravitational microlensing determination of continuum source size in Q2237 + 0305, **315,** 62
Wyithe J.S.B., Webster R.L., Turner E.L., The distribution of microlensed light-curve derivatives: the relationship between stellar proper motions and transverse velocity, **312,** 843
Wyithe J.S.B., Webster R.L., Turner E.L., The rate of caustic crossing microlensing events for Q2237 + 0305, **315,** 337
Wynn G.A. *see* Truss M.R.
Wyse R.F.G. *see* Zhang B.

Xanthopoulos E. *see* Biggs A.D.
Xanthopoulos E. *see* Jackson N.
Xanthopoulos E. *see* Phillips P.M.
Xiang F. *see* Li K.
Xiong D.R., Cheng Q.L., Deng L., Turbulent convection and pulsational stability of variable stars: non-adiabatic oscillations of the solar p-modes, **319,** 1079
Xue Y.-J. *see* Wu X.-P.
Xue Y.-J., Wu X.-P., Properties of the double β model for intracluster gas, **318,** 715

Yan M., Dalgarno A., Klemperer W., Miller A.E.S., The CO Cameron band emission in the Red Rectangle, **313,** L17
Yang L.-T. *see* Ding S.-X.
Yang L.T. *see* Lu Y.
Yates J. *see* Clark S.
Yates J.A., Richards A.M.S., Wright M.M., Collett J.L., Gray M.D., Field D., Cohen R.J., Resolved OH megamaser emission in the nuclear region of the ultraluminous infrared galaxy Markarian 273, **317,** 28
Yepes G. *see* Kravtsov A.V.
Yi J. *see* Caswell J.L.
Yin D. *see* Leahy D.A.
Yoshida N. *see* Colberg J.M.
Yoshida Shijun *see* Yoshida Shin'ichirou
Yoshida Shin'ichirou, Eriguchi Y., Influence of the r-mode instability on hypercritically accreting neutron stars, **316,** 917
Yoshida Shin'ichirou, Karino S., Yoshida Shijun, Eriguchi Y., A numerical study of the r-mode instability of rapidly rotating nascent neutron stars, **316,** L1
Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Lawson P.R., Mackay C.D., Pearson D., Rogers J., St.-Jacques D., Warner P.J., Wilson D.M.A., Wilson R.W., New views of Betelgeuse: multi-wavelength surface imaging and implications for models of hotspot generation, **315,** 635
Young J.S., Baldwin J.E., Boysen R.C., Haniff C.A., Pearson D., Rogers J., St-Jacques D., Warner P.J., Wilson D.M.A., Cyclic variations in the angular diameter of χ Cygni, **318,** 381
Young S. *see* Alexander D.M.
Young S. *see* Corbett E.A.
Young S. *see* Ruiz M.
Young S. *see* Tadhunter C.N.
Young S., A generic scattering model for AGN, **312,** 567
Yu Q. *see* Tremaine S.
Yu Q., Lu Y., Iron Kα line profiles driven by non-axisymmetric illumination, **311,** 161
Yuan F., Possible evidence for the disc origin for the powering of jets in Sgr A* and nearby elliptical galaxies, **319,** 1178

Zamanov R.K. *see* Reig P.
Zamorani G. *see* Bardelli S.
Zamorani G. *see* Ettori S.
Zamorano J. *see* Gil de Paz A.

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Zapatero-Osorio M.R. *see* Fassia A.
Zapatero-Osorio M.R. *see* Hernandez M.
Zaroubi S. *see* Theuns T.
Zdziarski A.A. *see* Wardziński G.
Zehavi I. *see* Branchini E.
Zeippen C.J. *see* Storey P.J.
Zepf S.E. *see* Beasley M.A.
Zhang B., Wyse R.F.G., The formation of the Hubble sequence of disc galaxies: the effects of early viscous evolution, **313,** 310
Zhang H.L. *see* Keenan F.P.
Zhang H.L., Pradhan A.K., Photoionization and recombination of Fe XIX, **313,** 13
Zhang L. *see* Lu Y.
Zhao H., Deprojection of light distributions of nearby systems: perspective effect and non-uniqueness, **316,** 418
Zhao H.S. *see* Copin Y.
Zheng X.W., Moran J.M., Reid M.J., A milliarcsecond-resolution image of the OH masers in G34.3 + 0.2, **317,** 192
Zhenglu J., Flattened Jaffe models for galaxies, **319,** 1067
Zilio V. *see* Pickering J.C.
Zimmermann H.U. *see* Fox D.W.
Zoccali M. *see* Cassisi S.
Zoła S. *see* Vuille F.
Zorec J. *see* Marchenko S.V.
Zucca E. *see* Bardelli S.
Zucca E. *see* Ettori S.
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Życki P.T. *see* Janiuk A.

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